CANADIAN JOURNAL OF CHEMISTRY

JOURNAL CANADIEN
DE CHEMIE

VOLUME 65, 1987

Author Index / Index des auteurs

Abboud, J.-L.M. see Guiheneuf, G., 2106

Abdel-Hamid, R., El-Samahy, A.A., El-Taher, A.-H., and El-Sagher, H. Spectral studies on the interaction of iodine with thiazoles 468 Abdel-Moteleb, M.M. see Naoum, M.M., 2760

Ablenas, F.J., George, B.E., Maleki, M., Jain, R., Hopkinson, A.C., and Lee-Ruff, E. Destabilized carbocations. Nuclear magnetic resonance detection and reactivities of aryl α-thioformamidyl cations, 1800

Ablenas, F.J. see Lee-Ruff, E., 1663

Adhikesavalu, D. see Knop, O., 1527

Adinolfi, M., Barone, G., Corsaro, M.M., Lanzetta, R., Mangoni, L., and Parrilli, M. Glycosides from *Muscari comosum*. 7. Structure of three novel muscarosides, 2317

Afghan, B.K., Carron, J., Goulden, P.D., Lawrence, J., Leger, D., Okuska, F., Sherry, J., and Wilkinson, R. Recent advances in ultratrace analysis of dioxins and related halogenated hydrocarbons, 1086

Agorrody, M., Montaudon, E., et Maillard, B. Déplacements homolytiques intramoléculaires. 14. Additions radicalaires à des peroxydes de δ-alcènyle et de *tert*-butyle : accès à des tétrahydrofurannes et des tétrahydropyrannes substitués, 2694

Aguilera, A., Alcantara, A.R., Marinas, J.M., and Sinisterra, J.V. Ba()) H)₂ as the catalyst in organic reactions. Part XIV. Mechanism of Claisen–Schmidt condensation in solid–liquid conditions, 1165

Aguirre, J.M. see Alesso, E.N., 2568

Aitken, C., Harrod, J.F., and Gill, U.S. Structural studies of oligosilanes produced by catalytic dehydrogenative coupling of primary organosilanes, 1804

Akers, H.A., Vang, M.C., and Updike, T.D. The reduction of specific disulfides with titanium(III) chloride, 1364

Akrivos, P.D. see Bakola-Christianopoulou, M.N., 1485

Alcaide, B., Mardomingo, C.L., Plumet, J., Cativiela, C., and Mayoral, J.A. Orbital control in the 1,3-dipolar cycloaddition of benzonitrile oxide to benzylideneanilines, 2050

Alcantara, A.R. see Aguilera, A., 1165

Alesso, E.N., Tombari, D.G., Moltrasio Iglesias, G.Y., and Aguirre, J.M. Reactions of some N-acyl-1-alkylamines with polyphosphoric ester PPE: nuclear magnetic resonance and stereochemistry of reaction products, 2568

Alex, S., and Savoie, R. A Raman spectroscopic study of the complexation of the methylmercury(II) cation by amino acids, 491

Allen, A.D., Kresge, A.J., Schepp, N.P., and Tidwell, T.T. Hydration reactivity of ketenes generated by flash photolysis, 1719

Allman, T., and Lenkinski, R.E. A conformational analysis of adriamycin based upon its ¹H nuclear magnetic resonance spectrum in various solvents, 2405

Alvarez, A.M., Morel-Desrosiers, N., and Morel, J.-P. Interactions between cations and sugars. III. Free energies, enthalpies, and entropies of association of Ca²⁺, Sr²⁺, Ba²⁺, La³⁺, Gd³⁺ with D-ribose in water at 25°C, 2656

Amorim da Costa, A.M., Batista de Carvalho, L.A.E., Teixeira-Dias, J.J.C., Barbosa, E.F.G., and Lampreia, I.M.S. The temperature dependence of the Raman spectrum and *gauche* interactions of tri-N-butylamine: a conformational study, 384

Amouzou, E. see Zhu, X., 2447

Ampleman, G. see Chênevert, R., 307

Anantaraman, A.V. see Gee, N., 456

Andersen, R.J. see Fahy, E., 376

Andersen, R.J. see Williams, D.E., 2244

Anderson, M. see Grindley, T.B., 1065

Angus, R.H. see Lee, H.-h., 1521

Annan, T.A., Chadha, R.K., Tuck, D.G., and Watson, K.D. The oxidation of stannous halides by tetrahalogeno-*ortho*-quinones, and the crystal structure of bis[2-dimethylamino)ethyldimethylammonium] tris(tetrachlorocatecholato)tin(IV), Me₂NC₂H₄NME₂H)₂[Sn(O₂C₆Cl₄)₃], 2670

Anzai, K. see Uzawa, J., 2691

Appa Rao, J., Ravichandran, K., O'Malley, G.J., and Cava, M.P. Studies in anthracyclinone synthesis. The oxidative decyanation route to aklavinone and 4,11-dideoxy-α-rhodomycinone, 31

ApSimon, J.W. see Girard, M., 189

ApSimon, J.W. see Girard, M., 191

Arai, I. see Baer, H.H., 1443

Aramendia, A., Borau, V., Jimenez, C., Marinas, J.M., and Sempere, M.E. Use of Pd/sepiolite systems as hydrogenation catalysts. II. Hydrogenolysis of N-blocked amino acids and dipeptides by hydrogen transfer, 2791

Aramini, J., Batchelor, R.J., Jones, C.H.W., Einstein, F. W.B., and Sharma, R.D. The X-ray crystal structure of bis(pentafluorophenyl)-tellurium difluoride, 2643

Araújo, H.C. see Mahajan, J.R., 224

Armand, J., Boulares, L., Bellec, C., and Pinson, J. Chemical and electrochemical reduction of pyrazino[2,3-g]quinoxalines and of their benzo and dibenzo derivatives; the structure of fluorindine and the formation of tetraanion, 1619

Arno, M. see Marco, J.A., 630

Arnold, D.R., and Mines, S.A. Radical ions in photochemistry. 18. The photosensitized (electron transfer) tautomerization of alkenes; the 1,1-diphenyl alkene system, 2312

Arnold, D.R., Fahie, B.J., Lamont, L.J., Wierzchowski, J., and Young, K.M. 1,n-Radical ions. The photosensitized (electron transfer) formation of 1,5-radical cations, 2734

Arnold, E. see Ayer, W.A., 748

Arnold, R., Fodor, G., George, C., and Karle, I. The Michael adduct of L-ascorbic acid to methyl vinyl ketone: its remarkable self-condensation and other reactions, 131

Arumugam, N. see Srinivasan, C., 2421

Ashley, K., Sarfarazi, F., Buckland, S.J., Foley, J.K., Mei, Q., Halton, B., Stang, P.J., and Pons, S. An electrochemical and spectroelectrochemical study of substituted alkylidenecyclopropabenzenes: 1-(diphenylmethylene)cyclopropabenzene in the first anodic and cathodic voltammetric waves in acetonitrile, 2062

Ashok, K., Scaria, P.M., Kamat, P.V., and George, M.V. Electron transfer reactions. Reaction of nitrones with potassium, 2039

Aspinall, G.O., Khondo, L., and Williams, B.A. The hex-5-enose degradation: cleavage of glycosiduronic acid linkages in modified methylated Sterculia gums, 2069

Attah-Poku, S.K. see Ayer, W.A., 765

Aubke, F. see Mallela, S.P., 2649

Aue, W.A. see Siu, K.W.M., 1012

Austrilino, L. see Colombo, M.F., 821

Ayer, W.A., and Macaulay, J.B. Metabolites of the honey mushroom, Armillaria mellea, 7

Ayer, W.A., and McCaskill, R.H. Bullerone, a novel sesquiterpenoid from Cyathus bulleri Brodie, 15

Ayer, W.A., and Pedras, M.S. Metabolites produced by the Scleroderris canker fungus, *Gremmeniella abietina*. Part 3. Some further metabolites, 754

Ayer, W.A., Hoyano, Y., Pedras, M.S., Clardy, J., and Arnold, E. Metabolites produced by the scleroderris canker fungus, *Gremmeniella abientina*. Part 2. The structure of scleroderolide, 748

Ayer, W.A., Pedras, M.S., and Ward, D.E. Metabolites produced by the Scleroderris canker fungus, Gremmeniella abietina. Part 4. Biosynthetic studies, 760

Ayer, W.A., Attah-Poku, S.K., Browne, L.M., and Orszanska, H. The chemistry of the blue stain fungi. Part 3. Some metabolites of Ceratocystis minor (Hedgcock) Hunt, 765

Ayyanger, N.R., Brahme, K.C., and Srinivasan, K.V. Azides. Part VIII. Thermolysis of ethyl azidoformate in acetic and propionic anhydrides: facilitation of intramolecular cyclization of the resultant carbethoxynitrene to 2-oxazolidinone, 1463

Babbage, C.A. see Wan, P., 1775

Bachand, C. see Martel, A., 2179

Back, R.A., Neudorfl, P.S., Sloan, J.J., and Wassell, P.T. The dynamics of the reaction of F atoms with trans-diimide, 451

Back, T.G., Collins, S., and Krishna, M.V. Reactions of sulfornhydrazides with benzeneseleninic acid, selenium halides, and sulfur halides. A convenient preparation of selenosulfonates and thiosulfonates, 38

Bădilescu, S., and Sandorfy, C. Spectroscopic evidence for surface hydronium (H₃O⁺) ions on hydrated single crystals, 924

Baenziger, J.U. see Vandana, 1645

Baer, H.H., Arai, I., Radatus, B., Rodwell, J., and Chinh, N. A chiral approach to 2-deoxystreptamine, 1443

Bag, B.C. see Biswas, P.K., 235

Baillif, P. see Touray, J.-C., 508

Bakola-Christianopoulou, M.N., Akrivos, P.D., and Baumgarten, M. Binuclear metal chelate complexes of anthraquinones having a MO₄ chromophore. Part 1. Quinizarin, 1485

Baldwin, W.G. see Khan, A.K., 1103

Baldy, A. see Druet, D., 851

Banait, N., Hojatti, M., Findlay, P., and Kresge, A.J. Kinetics of acid-catalyzed hydration in aqueous solution of 1-methoxy-and 1-methylthio-2-phenylethyne and some related acetylenes, 441

Bandyopadhyay, A.R. see Griesbaum, K., 487

Banoub, J. see Boullanger, P., 1343

Barbe, J. see Brouant, P., 2217

Barbosa, E.F.G. see Amorim da Costa, A.M., 384

Barbot, F. see Laduranty, J., 859

Barclay, L.R.C., Baskin, K.A., Locke, S.J., and Schaefer, T. D. Benzophenone-photosensitized autoxidation of linoleate in solution and sodium dodecyl sulfate micelles, 2529

Barclay, L.R.C., Baskin, K.A., Kong, D., and Locke, S.J. Autoxidation of model membranes. The kinetics and mechanism of autoxidation of mixed phospholipid bilayers, 2541

Barone, G. see Adinolfi, M., 2317

Barros Araújo, B. see Neiva, S.M., 372

Bartik, K., Braekman, J.-C., Daloze, D., Stoller, C., Huysecom, J., Vandevyver, G., and Ottinger, R. Topsentins, new toxic bis-indole alkaloids from the marine sponge *Topsentia genitrix*, 2118

Barton, R.J., Johnson, K.E., Robertson, B.E., Yerhoff, F.W., and Hu, S. Structures of the pyrazolones formed by oxidative coupling of phenols with 4-aminoantipyrine, 2082

Barton, R.J. see Wang, H., 1322

Barton, R.J. see Mihichuk, L.M., 2634

Barton, R.J. see Luo, Y.G., 2756

Baskin, K.A. see Barclay, L.R.C., 2529

Baskin, K.A. see Barclay, L.R.C., 2541

Batchelor, R.J., Birchall, T., and Johnson, J.P. The crystal structure of Sin6O2(CF3CO2)8.CF3CO2H, 2187

Batchelor, R.J. see Aramini, J., 2643

Bates, G.S., Fryzuk, M.D., and Stone, C. Convenient synthesis and cycloaddition reactions of 2-phenylseleno-1,3-butadiene and 2-trialkylstannyl-1,3-butadienes, 2612

Batista de Carvalho, L.A.E. see Amorim da Costa, A.M., 384

Bauer, P. see Molle, G., 2428

Baumann, R.A., Schreurs, M., Gooijer, C., Velthorst, N.H., and Frei, R.W. Time-resolved quenched phosphorescence detection of chromate in water samples using paired-ion reversed phase high performance liquid chromatography, 965

Baumgarten, M. see Bakola-Christianopoulou, M.N., 1485

Baumstark, A.L. see Boykin, D.W., 1214

Beauchemin, D. see Sturgeon, R.E., 961

Beaudoin, R., et Ménard, H. Étude des complexes fluorés et chlorés du plomb dans les mélanges eau-HF, 528

Beaudoin, R. see Khorami, J., 817

Beaulieu, P.L. see Hanessian, S., 1859

Bebba, A. see Louis, C., 1353

Bélanger, A., Brassard, P., Laquerre, S., and Mérand, Y. Synthesis and chemiluminescence of new derivatives of isoluminol, 1392

Bell, R.A., Brown, B.E., Duarte, M., Howard-Lock, H.E., and Lock, C.J.L. Structural and vibrational studies of 1,1,3,3-tetracyanopropane and 2,2,4,4,6-pentacyanocyclohexenamine, 261

Bell, T.N., Perkins, K.A., and Perkins, P.G. Calculations of the energetics of silane-N2O2 exciplexes, 541

Bell, T.N., Perkins, K.A., and Perkins, P.G. Calculations on the relative energies of complexes of silanes with ²π and ⁴πNO, 545

Bellec, C. see Armand, J., 1619

Belley, M. see Canonne, P., 1885

Bennes, R. see Sohounhloue, D., 2299

Benoit, R.L., Lefebvre, D., and Fréchette, M. Basicity of 1,8-bis(dimethylamino)naphthalene and 1,4-diazabicyclo[2.2.2]octane in water and dimethylsulfoxide, 996

Benoiton, N.L. see Chen, F.M.F., 613

Benoiton, N.L. see Chen, F.M.F., 619

Benoiton, N.L. see Chen, F.M.F., 1224

Benoiton, N.L. see Chen, F.M.F., 1228

Benson, G.C., and Halpin, C.J. Ultrasonic speeds and isentropic compressibilities of binary mixtures of n-octane with each of the hexane isomers at 298.15 K, 322

Beránek, J. see Birnbaum, G.I., 271

Bergen, E.J. see Holland, H.L., 502

Berman, E.D., Thomas, R., Stahl, P., and Scott, R.M. Specific patterns of short range solvation — aliphatic amines in benzene-dimethylsulfoxide mixed solvents, 1594

Berman, S.S. see Willie, S.N., 957

Berman, S.S. see Sturgeon, R.E., 961

Bernáth, G. see Szabó, J., 175

Bertolotti, S.G., Cosa, J.J., Gsponer, H.E., and Previtali, C.M. Charge transfer complexes of diquat and paraquat with halide anions, 2425

Bertran, J. see Ortega, M., 1995

Bertrán, J. see Moreno, M., 2774

Bessiere, J. see Louis, C., 1353

Bevan-Lewis, W. see Jemson, H.M., 2478

Bhattacharya, P.K. see Kulkarni, N.D., 348

Bignon, J. see Touray, J.-C., 508

Binay, P., Dupas, G., Bourguignon, J., et Queguiner, G. Nouveaux modèle, du NADH en série oxazolyl-3 dihydro-1,4 pyridine : synthèse, réactivité, rôle de la complexation dans la réactivité, 648

Birchall, T. see Batchelor, R.J., 2187

Birnbaum, G.I., Buděšínsky, M., and Beránek, J. Structure and conformation of 2',5'-anhydroarabinosylcytosine: X-ray, ¹H nmr and ¹³C nmr analyses, 271

Birnbaum, G.I., Giziewicz, J., Gabe, E.J., Lin, T.-S., and Prusoff, W.H. Structure and conformation of 3'-azido-3'-deoxythymidine (AZT), an inhibitor of the HIV (AIDS) virus, 2135

Bisagni, E., Rautureau, M., Croisy-Delcey, M., et Huel, C. Nouvelle synthèse de chloro-1 méthyl-5 isoquinoléines fusionnées à divers systèmes aromatiques par leur liaison [g], 2027

Biswas, M.K., Jarczewski, A., and Leffek, K.T. Kinetics and mechanisms of the reaction of 2,4,6-trinitrocumene and 2,4,6-trinitrocthylbenzene with 1,1,3,3-tetramethylguanidine in N,N-dimethylforn amide solvent, 1007

Biswas, P.K., Bag, B.C., and Das, M.N. Medium effects on activation parameters on alkaline hydrolysis of 2-carbomethoxypropionate ion in aqueous mixtures of ethylene glycol, 235

Blackburn, B.J. see Hutton, H.M., 1316

Blackwell, B.A. see Savard, M.E., 2254

Błaszczyk, K. see Paryzek, Z., 229

Boeré, R.T., Esser, D.E., Willis, C.J., Stephan, D.W., and Obal, T.W. Complexes of hybrid ligands. The synthesis of a thioanisole-substituted fluoro-alcohol and its complexes with Pd²⁺ and Pt²⁺; the structure of a palladium(II) complex containing alkoxide, phosphine, thioether, and chloride donors, 798

Boevé, J.L. see Daloze, D., 432

Bohme, D.K., Włodek, S., and Raksit, A.B. Selected-ion flow tube studies of reactions of the carbene cation :C₄N⁺ and their implications for interstellar gas cloud chemistry, 1563

Bohme, D.K., Włodek, S., and Raksit, A.B. Growing interstellar cyanopolyacetylenes with ion/molecule reactions, 2057

Bończa-Tomaszewski, Z. The potassium permanganate oxidation of steroidal homoannular dienes, 656

Bonneau, L. see Zalma, R., 523

Bonneau, L. see Zalma, R., 2338

Borau, V. see Aramendia, A., 2791

Borg, F. see Zalma, R., 523

Bouab, W. see Guiheneuf, G., 2106

Bouchard, M. see Desroches, J., 1513

Boulares, L. see Armand, J., 1619

Boullanger, P., Banoub, J., and Descotes, G. N-Allyloxycarbonyl derivatives of D-glucosamine as promotors of 1,2-trans-glucosylation in Koenigs-Knorr reactions and in Lewis acid catalyzed condensations, 1343

Bourguignon, J. see Binay, P., 648

Bouvier, M., Brown, G.R., and St-Pierre, L.E. Immobilized replicates of sequence 136-148 of human serum albumin as adsorbents for bilirubin, 1927

Bovenkamp, J.W. see Rodrigue, A., 2551

Bovenkamp, J.W. see Fraser, M.E., 2558

Bovenkamp, J.W. see Buchanan, G.W., 2564

Boyd, R.J. see Choi, S.C., 1109

Boykin, D.W., Baumstark, A.L., Kayser, M.M., and Soucy, C.M. ¹⁷O nuclear magnetic resonance spectroscopic study of substituted phthalic anhydrides and phthalides, 1214

Bozek, J.D. see Hutton, H.M., 1316

Braekman, J.C. see Daloze, D., 432

Braekman, J.-C. see Bartik, K., 2118

Braghetti, M. see Sgarabotto, P., 2122

Brahme, K.C. see Ayyanger, N.R., 1463

Brassard, P. see Bélanger, A., 1392

Brillas, E. see Perez-Benito, J.F., 2329

Brillon, D., and Deslongchamps, P. Synthesis of 11- and 12-membered rings by a direct cyclization method, 43

Brillon, D., and Deslongchamps, P. Synthesis of 13- and 14-membered rings by a direct cyclization method, 56

Brisse, F. see Deguire, S., 2291

Brisse, F. see Jarreau, F.-X., 2701

Brisson, J.-R. see Findlay, J.A., 1384

Brisson, J.-R. see Drew, J., 1784

Brisson, J.-R. see Findlay, J.A., 2605

Brisson, J.-R. see Pozsgay, V., 2764

Britten, J.F. see Dickson, R.M., 941

Brook, M.A., and Seebach, D. Cyclic nitronates from the diastereoselective addition of 1-trimethylsilyloxycyclohexene to nitroolefins. Starting materials for stereoselective Henry reactions and 1,3-dipolar cycloadditions, 836

Brook, M.A. see Jahangir, 2362

Brooks, R.R. Analytical chemists and dinosaurs, 1033

Brossard, L. see Potvin, E., 2109

Brouant, P., Barbe, J., Marsura, A., Soula, C., et Luu-Duc, C. Étude radiocristallographique comparée de quelques Δ-2 imidazolines substituées, 2217

Brown, B.E., Faggiani, R., Hughes, D., and Lock, C.J.L. Platinum complexes with sterically demanding ligands: trans-bis(2,7-diazatetracyclo[6.3.0.0^{4,9}.0^{5,11}]undecane-N,N')platinum(II) dichloride tetrahydrate, 2855

Brown, B.E. see Bell, R.A., 261

Brown, G.R. see Sailofsky, B.M., 1908

Brown, G.R. see Bouvier, M., 1927

Brown, K.C. see Wang, H., 1322

Brown, R.G. see Grindley, T.B., 1065

Brown, W.L., and Fallis, A.G. Intramolecular rearrangements: Epimerization of bicyclic vinyl tertiary alcohols via a [2,3] sulfoxide sigmatropic rearrangement, 1828

Browne, E.N.C. see Liu, H.-J., 182

Browne, E.N.C. see Liu, H.-J., 1262

Browne, L.M. see Ayer, W.A., 765

Brownstein, S., and Louie, B. Ternary charge transfer complexes. V. Complexes with thiazyl salts, 1361

Brownstein, S., Gabe, E., Irish, B., Lee, F., Louie, B., and Piotrowski, A. Ternary charge transfer complexes. IV. Complexes with Fe, Nb, Ta, Mo, W, or U in the anion, 445

Bruneton, J. see Lavault, M., 343

Buchanan, G.W., Khan, M.Z., Ripmeester, J.A., Bovenkamp, J.W., and Rodrigue, A. ¹³Cnuclear magnetic resonance spectra in the solid state of 18-crown-6-NaNCS-H₂ O, some dicyclohexyl-18-crown-6 ethers, and their complexes and phenoxides and phenol, 2564

Buchanan, G.W. see Rodrigue, A., 2551

Buck, H.M. see Koole, L.H., 326

Buck, H.M. see Koole, L.H., 2089

Buckland, S.J. see Ashley, K., 2062

Buděšínsky, M. see Birnbaum, G.I., 271

Bueno, M.P., Cativiela, C., Finol, C., Mayoral, J.A., and Jaime, C. Diels-Alder reactions of methyl-N-acyl-α,β-dehydroalaninates with cyclopentadiene, 2182

Buist, R.J., and Eaton, D.R. Rotating frame nuclear magnetic resonance experiments on metal complexes, 1653

Buist, R.J. see Eaton, D.R., 1332

Bukka, K. see Michaelian, K.H., 1420

Buncel, E. see Strauss, M.J., 1891

Burford, N. see Wasylishen, R.E., 2707

Burke, P.M. see Yates, P., 1695

Burnell, D.J., Goodbrand, H.B., Kaiser, S.M., and Valenta, Z. Facial (syn-anti) stereoselectivity in the Diels-Alder reactions of spiro(bicyclo[2.2.2]octane-2,1'-[2,4]cyclopentadiene), 154

Burnell, D.J. see Yates, P., 69

Burnell, D.J. see Findlay, J.A., 1384

Burnell, R.H., and Dufour, J.-M. The conversion of podocarpic acid to hexahydrophenalene derivatives: an approach to the synthesis of edulone A, 21

Burnell, R.H., Jean, M., and Poirier, D. Synthesis of taxodione, 775

Burns, G. see Wilson-Yang, K.M., 1058

Butler, I.R., Cullen, W.R., and Rettig, S.J. The synthesis and structure of Fe[η⁵-C₅H₃(CHMeNMe₂)SiCl₂-1,2][C₅H₄η⁵], 1452

Butler, I.S. see Harvey, P.D., 1757

Butler, I.S. see Pazur, R.J., 1940

Cadet, J. see Hruska, F.E., 2618

Caia, V. see Sgarabotto, P., 2122

Caldeira, M.M., Ramos, M.L., and Gil, V.M.S. Complexes of W(VI) and Mo(VI) with glycolic, lactic, chloro- and phenyl-lactic, mandelic, and glyceric acids studied by ¹H and ¹³C nuclear magnetic resonance spectroscopy, 827

Caldeira, M.M., Ramos, M.L., Oliveira, N.C., and Gil, V.M.S. Complexes of vanadium(V) with α-hydroxycarboxylic acids studied by ¹H, ¹³C, and ⁵¹V nuclear magnetic resonance spectroscopy, 2434

Cambon, A. see Pastor, R.E., 1356

Camerman, A. see Ma, L.Y.Y., 256

Camerman, A. see Hempel, A., 1608

Camerman, N. see Ma, L.Y.Y., 256

Camerman, N. see Hempel, A., 1608

Cameron, T.S. see Vincent, B.R., 1042

Cameron, T.S. see Grossert, J.S., 1407

Cameron, T.S. see Knop, O., 1527

Campolieti, G. see Sanctuary, B.C., 1746

Canonne, P., et Belley, M. Étude de l'action des organomagnésiens sur les dérivés carboxyliques de la pyridine, 1885

Caram, J.A. see Viturro, H.R., 2000

Carda, M. see Marco, J.A., 630

Cárdenas, J. see Rodríguez-Hahn, L., 2687

Cardoso do Nascimento Filho, J. see Neiva, S.M., 372

Carey, P.R. see Lee, H.-h., 1521

Carignan, Y. see Strauss, M.J., 1891

Carlson, C.G., Hall, J.E., Huang, Y.Y., Kotila, S., Rauk, A., and Tavares, D.F. The preparation of esters of formic acid using boron oxide, 2461

Carron, J. see Afghan, B.K., 1086

Carson, P.A., and Mayo, P. de Surface photochemistry: Semiconductor mediated reactions of some 1,2-diarylcyclopropanes, 976

Carver, J.P. see Whitfield, D.M., 693

Castellano, E.E. see Colombo, M.F., 821

Cataliotti, R.S. see Sgarabotto, P., 2122

Cathum, S.J. see Chakrabarti, C.L., 1079

Cathum, S.J. see Chakrabarti, C.L., 2685

Cativiela, C. see Alcaide, B., 2050

Cativiela, C. see Bueno, M.P., 2182

Cava, M.P. see Appa Rao, J., 31

Cavé, A. see Lavault, M., 343

Cerfontain, H., Kruk, C., Rexwinkel, R., and Stunnenberg, F. Determination of the intercarbonyl dihedral angle of 1,2-diketones by ¹⁷O nmr, 2234

Chaabouni, M. see Fourati, M., 2783

Chadha, R.K., Hayes, P.C., Mabrouk, H.E., and Tuck, D.G. Coordination compounds of indium. Part 43. Indium(III) derivatives of benzenethiol, and the crystal structure of tetraphenylphosphonium bromotris(benzenethiolato)indate(III), Ph₄P[BrIn(SPh)₃], 804

Chadha, R.K., Kumar, R., and Tuck, D.G. The direct electrochemical synthesis of thiolato complexes of copper, silver, and gold; the molecular structure of [Cu(SC₆H₄CH₃-o)(1,10-phenanthroline]₂.CH₃CN, 1336

Chadha, R.K., Drake, J.E., McManus, N.T., and Mislankar, A. Synthesis and characterization of Hg(II) complexes of Me₃MCH₂SeMe, (M = Si, Ge). Crystal structures of [HgX₂(Me₃SiCH₂SeMe)]₂, X = Cl, Br, I, 2305

Chadha, R.K. see Kumar, K., 437

Chadha, R.K. see Annan, T.A., 2670

Chakrabarti, C.L., Ferrarotto, D., Cathum, S.J., and Rademeyer, C.J. Atomization efficiency of a graphite furnace in atomic absorption spectrometry at high heating rates, 1079

Chakraberti, C.L., Ferrarotto, D., Cathum, S.J., and Rademeyer, C.J. Erratum: Atomization efficiency of a graphite furnace in atomic absorption spectrometry at high heating rates, 2685

Chambers, E.J. see Fuchs, R., 2624

Chambon, M., Marquaire, P.-M., et Côme, G.-M. Mécanisme de réaction de mélanges méthane-chlore à haute température et faible taux de chlore, 1491

Chan, K.C. see Lavault, M., 343

Chan, T.H., Zhang, Y.J., Sauriol, F., Thomas, A.W., and Strunz, G.M. Studies in iridoid chemistry and spruce budworm (Choristoneura fumiferana) antifeedants, 1853

Chan, T.H. see Wang, D., 2727

Chang, S.G. see Liu, D.K., 770

Charland, J.-P. see Mandal, S.K., 2815

Charpentier, M., Fossey, J., Tidwell, T.T., and Wolfe, S. Structures and stabilities of C₂H₂F₃⁺ cations: an *ab initio* molecular orbital study, 473

Chatrousse, A.-P. see Terrier, F., 1980

Chattopadhyaya, J. see Koole, L.H., 2089

Chen, A.G. see Wong, C.M., 1375

Chen, F.M.F., and Benoiton, N.L. The preparation and reactions of mixed anhydrides of N-alkoxycarbonylamino acids, 619

Chen, F.M.F., and Benoiton, N.L. Diisopropylethylamine eliminates dipeptide formation during the acylation of amino acids using benzoyl chloride and some alkyl chloroformates, 1224

Chen, F.M.F., and Benoiton, N.L. N.N-Dialkoxycarbonylamino acid formation from a mixed anhydride through intramolecular urethane acylation, 1228

Chen, F.M.F., Lee, Y., Steinauer, R., and Benoiton, N.L. Mixed anhydrides in peptide synthesis. A study of urethane formation with a contribution on minimization of racemization, 613

Chenchaiah, P.C. see Holland, H.L., 502

Chênevert, R., et Ampleman, G. Chloration de l'acétanilide et de la benzanilide en présence des cyclodextrines et de l'amylose, 307 Chin, J., and Zou, X. Catalytic hydrolysis of cAMP, 1882

Chinh, N. see Baer, H.H., 1443

Choi, S.C., Boyd, R.J., and Knop, O. How does the geometry of the tetrahedral XF_{4-n}Cl_n (X = Al, Si, P) species depend on composition, or ab initio si certum nescio, 1109

Chong, J.M. see Piers, E., 78

Choudhry, G.G., Graham, N.J., and Webster, G.R.B. Photochemistry of halogenated benzene derivatives. Part VIII. Photoformation of 2-methyl-4,5,6,7-tetrachlorobenzoxazole from pentachlorophenol in water-acetonitrile, 2223

Chow, A. see Khan, A.K., 1103

Christensen, J.I. see Mallela, S.P., 2649

Chubb, F.L. see Paventi, M., 2114

Ciminiello, P., Fattorusso, E., Magno, S., and Mayol, L. New nitrogenous sesquiterpenes based on alloaromadendrane and epi-eudesmane skeletons from the marine sponge Axinella cannabina, 518

Clardy, J. see Ayer, W.A., 748

Clark, P.D. see McKinnon, D.M., 2830

Clements, M.T.M., and McMurry, T.B.H. Photochemistry of substituted cyclic enones. Part 6. Photochemical reactions of 5-arylmethyl-3-phenylcyclopent-2-enones. A photostationary state, 1810

Collin, G.J., Deslauriers, H., et De Maré, G.R. Isomérisation des radicaux insaturés. IV. Les radicaux méthyl-1-, méthyl-2- et diméthyl-1,2-propène-1 yles produits dans la photolyse des tri- et tétraméthylènes à 147 nm, 391

Collin, G.J. see Deslauriers, H., 1631

Collins, S. see Back, T.G., 38

Colombo, M.F., Austrilino, L., Nascimento, O.R., Castellano, E.E., and Tabak, M. On the interaction of copper with tris(hydroxymethyl)aminomethane, 821

Comeau, L.C. see Druet, D., 851

Côme, G.-M. see Chambon, M., 1491

Connolly, J.D. see Purushothaman, K.K., 35

Contant, R. Relations entre les tungstophosphates apparentés à l'anion PW₁₂O₄₀. Synthèse et propriétés d'un nouveau polyoxotungstophosphate lacunaire K₁₀P₂W₂₀O₇₀:24H₂O, 568

Corey, L.D., Singh, S.M., and Oehlschlager, A.C. A novel reaction to α-haloepoxides with trialkylstannates, 1821

Corsaro, M.M. see Adinolfi, M., 2317

Corsini, A., Wade, G., Wan, C.-C., and Prasad, S. Speciation of soluble manganese in lakewater with Chelex-100 and polyacrylate resin, XAD-7, 915

Cosa, J.J. see Bertolotti, S.G., 2425

Cossar, J. see Guthrie, J.P., 2154

Cossette, D., and Vocelle, D. Protonation of a conjugated Schiff base by weak to strong acids: a ¹³C and ¹⁵N nuclear magnetic resonance study, 661

Cossette, D., and Vocelle, D. A ¹³C and ¹⁵N nuclear magnetic resonance study of the protonation of a retinal Schiff base by acids of different pK_as and in solvents of different polarities, 1576

Costa, A., and Riego, J.M. Acetyl transfer reactions on AlPO₄-Al₂O₃, 2327

Couret, C., Escudie, J., Garrigues, B., Lazraq, M., and Satge, J. Evidence for an intermediate phosphaborene, 1230

Couture, Y. see Tuaillon, J., 2194

Coxon, J.A., Naxakis, S., and Roychowdhury, U.K. First rotational analysis of the A²II-X²II system of the P³⁵Cl⁴ cation, 980

Craft, A. see Strauss, M.J., 1891

Cragg, G.M. see Pettit, G.R., 1433

Creighton, J.A., and Taylor, M.J. Preparation, reactions, and spectroscopic investigation of the 1,1,3,3-tetramethylimidazolidinium and 1,1,4,4-tetramethylpiperazonium dications, 2526

Croisy-Delcey, M. see Bisagni, E., 2027

Crousier, J.-P. see Massiani, Y., 1254

Cullen, W.R. see Butler, I.R., 1452

Cuppels, D.A., Stipanovic, R.D., Stoessl, A., and Stothers, J.B. The constitution and properties of a pyochelin-zinc complex, 2126

Czarnocki, Z., MacLean, D.B., and Szarek, W.A. Enantioselective synthesis of isoquinoline alkaloids: phenylethylisoquinoline and aporphine alkaloids, 2356

Dais, P., Peng, Q.-J., and Perlin, A.S. Binding of magnesium and lanthanum ions to heparin in the presence of sodium ions. A relationship between ¹³C chemical shift displacements and counterion condensation theory, 1739

Dalipi, S. see Schmid, G.H., 1945

Daljeet, A. see Findlay, J.A., 427

Daloze, D., Braekman, J.C., Vanhecke, P., Boevé, J.L., and Pasteels, J.M. Long chain electrophilic contact poisons from the Dufour's gland of the ant *Crematogaster scutellaris* (Hymenoptera, Myrmicinae), 432

Daloze, D. see Bartik, K., 2118

Dana, G. see Gharbi-Benarous, J., 2031

Daris, J.-P. see Martel, A., 2179

Das, M.N. see Biswas, P.K., 235

Das, P.K. see Rajadurai, S., 2277

Da Silva, A.C. see Nome, F., 2095
David, S., James, B.R., and Dolphin, D. Binding of isocyanides to five-coordinate, durene-capped hemes, 1098

Davoust, D. see Simmonin, M.-P., 404

Dawe, R.D., and Wright, J.L.C. An improved route to pregna-5,20-dien-3β-ol (muricin aglycone): Carbon and proton nuclear magnetic resonance assignments for the aglycone and a number of related pregnene derivatives, 666

Day, V.W. see Shaver, A., 1676

Dean, C.L. see Schmid, G.H., 1172

Dean, P.A.W., Vittal, J.J., and Srivastava, R.S. Synthesis of ³¹P nmr spectroscopic study of [Ag(μ-R₂PCH₂PR₂)₃Ag]²⁺ (R = Me or Ph). Observation of an intramolecular "end-over-end" exchange of bridging R₂PCH₂PR₂, 2628

Deb, B.K., and Ghosh, A.K. Chelated compounds and derivative of β-alkoxycarbonylalkyltin chlorides – 5-arylazo-8-quinolinolates, alizarinates, and thiocyanate: preparation and spectroscopic studies, 1241

Decock, P., and Sarkar, B. Analytical potentiometric data analyses of metal-ligand equilibria by microcomputer. A general procedure for minimizing potential sources of errors and a fast linear-scaled least-squares algorithm, 2798

Decock, P., and Sarkar, B. Application of an advanced technique of data analysis by analytical potentiometry and comparison of results by SUPERQUAD. Studies of nickel(II) – glycine, copper(II) – glycylglycyl-L-tyrosine-N-methyl amide, and zinc(II) – 3,6-diazaoctane-1,8-diamine systems, 2804

de Costa, M.D.P., de Silva, A.P., and Pathirana, S.T. Two dimensional fluorescent sensors: the different dependences of the fluorescence band position and the fluorescence quantum yield of 1,5-diphenyl-3-vinyl-Δ²-pyrazoline upon solvent dipolarity and hydrogen bond acidity, 1416

Deguire, S., Gagné, J., Dugas, H., and Brisse, F. Model compounds for poly(oligomethylene glycol-4,4'-biphenyl dicarboxylates). An X-ray diffraction study, 2291

Delarbre, J.-L. see Maury, L., 1613

Delbaere, L.T.J. see Hunter, N.R., 137

Delbaere, T.J. see McKinnon, D.M., 2830

Delgado, A., Mauleon, D., Minguillon, C., Feliz, M., Pericas, M.A., and Riera, A. Stereochemical assignment of 2-amino-1,2,3,4-tetrahydro-1-naphthalenols via oxazolidin-2-one derivatives, 868

de Lima, L.C.G. see Kubicki, M.M., 1292

Delorme, D. see Guindon, Y., 1438

De Maré, G.R. see Collin, G.J., 391

Demchuk, K.J. see Lee, D.G., 1769

Descotes, G. see Boullanger, P., 1343

de Silva, A.P. see de Costa, M.D.P., 1416

Deslauriers, H., Makulski, W., and Collin, G.J. The α(C—C)/β(C—H) ratio of the primary processes in the 184.9 nm photolysis of gaseous cis- and trans-2-butene, 1631

Deslauriers, H. see Collin, G.J., 391

Deslongchamps, P., Lamothe, S., and Lin, H.S. A simple and direct method of cyclization for the synthesis of 10-membered rings, 1298

Deslongchamps, P. see Brillon, D., 43

Deslongchamps, P. see Brillon, D., 56

Desnoyers, J.E. see Perron, G., 990

Desnoyers, J.E. see Perron, G., 1402

Desroches, J., Dugas, H., Bouchard, M., Fyles, T.M., and Robertson, G.D. A new series of mono- and dipiperidine, oxazoline, and oxazolidine crown ethers. Stability constants, ion transport rates, and nuclear magnetic resonance studies, 1513

Detellier, C., and Robillard, M. ³⁹K and ¹³C nuclear magnetic resonance studies of the potassium cation – dibenzo-30-crown-10 complex in solution, 1684

Deverre, J.R. see Lavault, M., 343

Devoe, R.J., Sahyun, M.R.V., Serpone, N., and Sharma, D.K. Transient intermediates in the photolysis of iodonium cations, 2342

Dhanoa, D.S. see Hanessian, S., 1859

Dias, J.R. Facile calculations of select eigenvalues and the characteristic polynomial of small molecular graphs containing heteroatoms, 734

Dias, M. see Ramakrishna, R.S., 947

Dickson, R.M., McKinnon, M.S., Britten, J.F., and Wasylishen, R.E. A ¹³C and ¹⁵N nuclear magnetic resonance study of solid ammonium thiocyanate, 941

Dietrich, A. see Revol, J.F., 1724

DiMartini, C. see Hirsch, W., 2661

Disanayaka, B.W., and Weedon, A.C. Charge transfer fluorescence of some N-benzoylindoles, 245

Doboszewski, B., Hay, G.W., and Szarek, W.A. The rapid synthesis of deoxyfluorc sugars using tris(dimethylamino)sulfonium diffuorotrimethylsilicate (TASF), 412

Dobrogowska, C. see Kim, J.-H., 1726

Dodds, D.R. see Jones, J.B., 2397

Dogra, S.K. see Manoharan, R., 2013

Dolphin, D. see Setsune, J.-I., 459

Dolphin, D. see David, S., 1098

Dolphin, D. see Paine, J.B., III, 1441

Domingo, P.L., Garcia, B., and Leal, J.M. Acid-base behaviour of the ferrocyanide ion in perchloric acid media potentiometric and spectrophotometric study, 583

Donini, J.C. see Wentzell, B.R., 557

Douch, J., et Mousset, G. Réduction électrochimique de dérivés carbonylés en milieu non aqueux en présence de EuCl₃·6H₂O, 549

Douillard, J.-M. see Sohounhloue, D., 2299

Drake, J.E. see Kumar, K., 437

Drake, J.E. see Chadha, R.K., 2305

Drew, J., Brisson, J.-R., Morand, P., and Szabo, A.G. ¹H and ¹³C nuclear magnetic resonance assignment of fluorescent olefinic sterol derivatives for use as membrane probes, 1784

Drogowska, M. see Potvin, E., 2109

Druet, D., Comeau, L.C., Viani, R., Baldy, A., Estienne, J., et Pierrot, M. Structure cristalline et moléculaire du acétoxy-3β ursane olide-28,20βa, 851

Duarte, M. see Bell, R.A., 261

Duarte, M. see Howard-Lock, H.E., 878

Dubois, J.E. see Molle, G., 2428

Dufour, J.-M. see Burnell, R.H., 21

Dugas, H. see Desroches, J., 1513

Dugas, H. see Deguire, S., 2291

Dugat, D., Just, G., and Sahoo, S. β-Lactams. XII. A study of the synthesis of N-unsubstituted β-lactams, and of 4-styryl monobactams, 88 Duhaime, R.M., and Weedon, A.C. Direct observation of dienols produced by photochemical enolisation of α,β-unsaturated ketones: rates and activation parameters for dienol reketonisation via a 1,5-hydrogen shift, 1867

Duke, M.J.M. see Kratochvil, B., 1047

Duncan, K.A. see McKinnon, D.M., 1247

Dupas, G. see Binay, P., 648

Dupuis, G. An asymmetrical disulfide-containing photoreactive heterobifunctional reagent designed to introduce radioactive labeling into biological receptors, 2450

Durst, T. see Khan, Z., 482

Dust, J.M. see Strauss, M.J., 1891

Eaton, D.R., Buist, R.J., and Sayer, B.G. The ⁵⁹Co nuclear magnetic resonance spectra of polycrystalline complexes, 1332

Eaton, D.R. see Buist, R.J., 1653

Eccles, G.N., and Purdy, W.C. Pulse cyclic voltammetry. I. Static solutions, 1051

Eccles, G.N., and Purdy, W.C. Pulse cyclic voltammetry. II. Flowing solutions, 1795

Edward, J.T. see Paventi, M., 282

Edward, J.T. see Paventi, M., 2114

Edwards, O.E., and Kolt, R.J. Lanostane to cucurbitane transformations, 595

Einstein F.W.B. see Aramini, J., 2643

Eisenberg, A. see Natansohn, A., 1873

El-Kabbani, O.A.L. see Hunter, N.R., 137

Elofson, R.M., Gadallah, F.F., and Laidler, J.K. Bicyclization of aza-compounds by positive halides ions. II. Lactams and some related cyclizations, 2770

El-Sagher, H. see Abdel-Hamid, R., 468

El-Samahy, A.A. see Abdel-Hamid, R., 468

El-Taher, A.-H. see Abdel-Hamid, R., 468

Elwerfalli, J., Page, J.A., and vanLoon, G.W. The voltammetric determination of trace U(VI) in seawater—adsorptive preconcentration of the 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol complex, 1139

Endo, M. Syntheses of chiral intermediates of 1-β-methylcarbapenems: (3S,4R)-3-[1(R)-tert-butyldimethylsilyloxyethyl]-4-chloroazetidin-2-one and (3S,4S)-3-[1(R)-tert-butyldimethylsilylxyethyl]-4-[1(R)-tert-butylthiocarbonylethyl]azetidin-2-one, 2140

Eriksson, L. see Wold, S., 1814

Escudie, J. see Couret, C., 1230

Esquivel, B. see Rodríguez-Hahn, L., 2687

Essayegh, M. see Gharbi-Benarous, J., 2031

Esser, D.E. see Boeré, R.T., 798

Estienne, J. see Druet, D., 851

Eu, B.C. A heuristic formalism for dynamics of spins larger than 1/2 in nuclear magnetic resonance, 1901

Evrard, G. see Michel, A., 1308

Fabron, J. see Pastor, R.E., 1356

Faggiani, R., Kaminski, M., Lock, C.J.L., and Warkentin, J. Structure of 5,5-dimethyl-2-phenylimino-Δ³-1,3,4-thiadiazoline from oxidative cyclization of a thiosemicarbazone, 1154

Faggiani, R., Howard-Lock, H.E., Lock, C.J.L., and Turner, M.A. The reaction of chloro(triphenylphosphine)gold(I) with 1-methylthymine, 1568

Faggiani, R. see Howard-Lock, H.E., 878

Faggiani, R. see Brown, B.E., 2855

Fahie, B.J. see Arnold, D.R., 2734

Fahy, E., and Andersen, R.J. Minor metabolites of the marine hydroid Garveia annulata, 376

Fallis, A.G. see Brown, W.L., 1828

Fallis, A.G. see Tuladhar, S.M., 1833

Farrell, P.G. see Terrier, F., 1980

Fattorusso, E. see Ciminiello, P., 518

Feliz, M. see Delgado, A., 868

Fergusson, J.E. The significance of the variability in analytical results for lead, copper, nickel, and zinc in street dust, 1002

Fernando, S.A. see Gunawardhana, H.D., 1124

Ferrarotto, D. see Chakrabarti, C.L., 1079

Ferrarotto, D. see Chakrabarti, C.L., 2685

Ferreira, J.T.B., Neeland, E.G., Ounsworth, J.P., and Weiler, L. The stereoselective alkylation and conformational analysis of 14-membered lactones, 2314

Fiakpui, C.Y., and Knaus, E.E. An improved synthesis of 1,3-dihydro-1-methyl-5-phenyl-2-*H*-pyrido[3,4-*e*]-1,4-diazepin-2-one via *ortho-*directed lithiation of 3-tert-butyl and 3-tert-butoxycarbonylaminopyridine, 1158

Findlay, J.A., Daljeet, A., Murray, P.J., and Rej, R.N. Total synthesis of the ravidomycin aglycone (defucogilvocarcin V), 427

Findlay, J.A., Jaseja, M., Burnell, D.J., and Brisson, J.-R. Major saponins from the starfish Asterias forbesi. Complete structures by nuclear magnetic resonance methods, 1384

Findlay, J.A., Jaseja, M., and Brisson, J.-R. Forbeside C, a saponin from *Asterias forbesi*. Complete structure by nuclear magnetic resonance methods, 2605

Findlay, P. see Banait, N., 441

Finol, C. see Bueno, M.P., 2182

Fischer, A., Henderson, G.N., and Mahasay, S.R. ipso Nitration. XXIX. Nitration of substituted 4-methylanisoles and phenols, 1233

Fliszár, S., and Minichino, C. Charge distributions and chemical effects. XLIII. Bond dissociation energies and radical formation, 2495

Florencio, F. see Galvez, E., 687

Fodor, G. see Arnold, R., 131

Fodor, L., and MacLean, D.B. Sulfur extrusion from 1,4-benzothiazepines: formation of 3-aryl-4-carbomethoxyisoquinolines, 18

Fodor, L., and MacLean, D.B. Isomeric 6H,8H-naphthyridino-1,3-benzothiazin-8-ones, 636

Fodor, L. see Szabó, J., 175

Foley, J.K. see Ashley, K., 2062

Forst, W., Xu, G.-Y., and Gidiotis, G. Collisional energy transfer in non-reactive systems, 1639

Fortier, S. see Rodrigue, A., 2551

Fortier, S. see Fraser, M.E., 2558

Fossey, J. see Charpentier, M., 473

Foster, B., Gaillard, B., Mathur, N., Pincock, A.L., Pincock, J.A., and Sehmbey, C. Substituent effects on homolytic versus heterolytic photocleavage of (1-naphthylmethyl)trimethylammonium chlorides, 1599

Fourati, M., Chaabouni, M., Pascal, J.-L., et Potier, J. Réactivité du trioxyde de chlore avec des chlorures, des nitrates, des carbonates et des perchlorates hydratés. Synthèse et analyse structurale de complexes de Cd(II) et Hg(II): Cd(ClO₄)₂, Hg(ClO₄)₂, ClO₂Cd(ClO₄)₃, NO₂Cd(ClO₄)₃, (NO₂)₂Hg(ClO₄)₄ et HgClClO₄, 2783

Fournier, J. see Zalma, R., 523

Franchini, G., Ori, E., Preti, C., Tassi, L., and Tosi, G. A conductometric study of dissociation of picric acid in 2-methoxyethanol and 1,2-ethanediol from -10 to 80°C, 722

Franco, D.W. see Neiva, S.M., 372

Francoeur, J. see Perron, G., 990

Fraser, M.E., Fortier, S., Markiewicz, M.K., Rodrigue, A., and Bovenkamp, J.W. The crystal structures of the 1:1:1 complexes of dicyclohexano-18-crown-6 (isomer B) with potassium phenoxide and phenol and dicyclohexano-18-crown-6 (isomer A) with sodium phenoxide and phenol, 2558

Fraser-Reid, B. see Molino, B.F., 2834

Fréchette, M. see Benoit, R.L., 996

Freeman, G.R. see Gee, N., 456

Freeman, G.R. see Senanayake, P.C., 2441

Freer, V.J. see Yates, P., 69

Frei, R.W. see Baumann, R.A., 965

Friedrich, J.O. see Wasylishen, R.E., 2238

Fried, V. see Hirsch, W., 2661

Friesen, R.W. see Piers, E., 1681

Fryzuk, M.D. see Bates, G.S., 2612

Fuchs, R., Chambers, E.J., and Stephenson, W.K. Enthalpies of interaction of nonpolar solutes with nonpolar solvents. The role of solute polarizability and molar volume in solvation, 2624

Fulton, J.B., and Warkentin, J. Reactions of diazoalkanes with isocyanates. Synthesis of imidazolidine-2,4-diones, oxindoles, and oxazolidinones. 1177

Fyles, T.M. Extraction and transport of alkali metal salts by crown ethers and cryptands: estimation of extraction constants and their relationship to transport flux, 884

Fyles, T.M. see Desroches, J., 1513

Gabe, E. see Brownstein, S., 445

Gabe, E.J. see Lucas, C.R., 898

Gabe, E.J. see Birnbaum, G.I., 2135

Gabe, E.J. see Mandal, S.K., 2815

Gadallah, F.F. see Elofson, R.M., 2770

Gagné, J. see Deguire, S., 2291

Gaillard, B. see Foster, B., 1599

Gaínza, A.H. Associations of ajmaline and homatropine with bromocresol green and bromophenol blue in dichloromethane: thermodynamic and kinetic parameters, 1279

Gainza, A.H., and Jimenez, L.P. Interaction between bromothymol blue and antipyrine in dichloromethane, 2286

Gallardo, M.A., Melendo, J.M., Urieta, J.S., and Losa, C.G. Solubility of non-polar gases in cyclohexanone between 273.15 and 303.15 K at 101.32 kPa partial pressure of gas, 2198

Galvez, E., Iriepa, I., Lorente, A., Mohedano, J.M., Florencio, F., and Garcia-Blanco, S. Synthesis and structural study of aminals derived from 8-aminoquinoline and 1-aminonaphtalene, 687

Gandhi, S.S., and Gibson, M.S. Condensation reactions of 1,1-dimorpholinoethene and of 1,1-dipiperidinoethene with carbon acids, 2717

García, A. see Rodríguez-Hahn, L., 2687 García, B. see Domingo, P.L., 583

García-Blanco, S. see Goya, P., 298

Garcia-Blanco, S. see Galvez, E., 687

Garratt, D.G. see Schmid, G.H., 1172

Garrigou-Lagrange, C. see Zaydoun, S., 2509

Garrigues, B. see Couret, C., 1230

Gee, N., Freeman, G.R., and Anantaraman, A.V. Comment on "Thermodynamics of solvent mixtures. I. Density and viscosity of binary mixtures of N-methylpyrrolidinone – tetrahydrofuran and propylene carbonate – acetonitrile", 456

Gee, N. see Senanayake, P.C., 2441

Gehrs, P.F. see Mallela, S.P., 2649

Geloso, C., Kumar, R., Lopez-Grado, J.R., and Tuck, D.G. The direct electrochemical synthesis of dialkyldithiocarbamate and diethyldithiophosphate complexes of main group and transition metals, 928

George, B.E. see Ablenas, F.J., 1800

George, C. see Arnold, R., 131

George, M.V. see Muneer, M., 1624

George, M.V. see Ashok, K., 2039

Geraci, C. see Tringali, C., 2369

Gerry, M.C.L. see Jemson, H.M., 2478

Gharbi-Benarous, J., Essayegh, M., et Dana, G. Réactivité des α-halobutyrolactones à halogènes tertiaires vis-à-vis des nucléophiles faiblement basiques, 2031

Ghosh, A.K. see Deb, B.K., 1241

Gibson, M.S. see Mastalerz, H., 2713

Gibson, M.S. see Ganghi, S.S., 2717

Gidiotis, G. see Forst, W., 1639

Giesinger, C.L. see Mihichuk, L.M., 2634

Gillespie, R.J., and Kapoor, R. The reactions of the chromate, dichromate, and permanganate ions with 100% sulfuric acid and dilute oleum, 2665

Gill, M.S., Sethi, A.K., and Verma, R.D. Uranium(IV) trifluoromethanesulfonate and some ternary uranium(IV) trifluoromethanesulfonates, 409

Gill, U.S. see Aitken, C., 1804

Gilson, D.F.R. see Harvey, P.D., 1757

Gilson, D.F.R. see Pazur, R.J., 1940

Gilson, D.F.R. see Yim, C.T., 2513

Gil, V.M.S. see Caldeira, M.M., 827

Gil, V.M.S. see Caldeira, M.M., 2434

Girard, M., Moir, D.B., and ApSimon, J.W. A simple and efficient synthesis of 5'-(2H₃)olivetol, 189

Girard, M., ApSimon, J.W., and Huber, C.P. γ-Lactam formation by a novel intramolecular rearrangement involving β-cyanoketones. Crystal structure of 1,7-dioxo-10a-methylperhydrophenanthrene-4a,8a-carbolactam, 191

Giziewicz, J. see Birnbaum, G.I., 2135

Glavina, P.G., and Harrison, D.J. Preparation of integrated chemical sensors using commercial VLSI technology, 1072

Goddard, J.D. see Judge, R.H., 2100

Gonçalves, R.M.C., and Simões, A.M.N. Enthalpies and heat capacities of solution for *tert*-butyl chloride and bromide in alcohols. Application of SPT, SRMR, and MS, 1474

Gonzalez-Sierra, M. see Kaufman, T.S., 2024

Goodbrand, H.B. see Burnell, D.J., 154

Gooijer, C. see Baumann, R.A., 965

Gordon, P.M. see Wong, C.M., 1375

Goring, D.A.I. see Revol, J.F., 1724

Görner, H., Pouliquen, J., and Kossanyi, J. Trans to cis photoisomerization of N,N'-disubstituted indigo dyes via excited singlet states; a laser flash photolysis and steady state irradiation study, 708

Goswami, A. see Pettit, G.R., 1433

Goulden, P.D. see Afghan, B.K., 1086

Goya, P., Nieves, R., Ochoa, C., Rodellas, C., Martinez-Ripoll, M., and García-Blanco, S. 1,2,6-Thiadiazin-3,5(2H,6H)-dione 1,1-dioxide derivatives: crystal structure, physico-chemical and biological parameters, 298

Gracey, G.D., Rettig, S.J., Storr, A., and Trotter, J. Complexes of the dimethylgallium-1-pyrazolyl-o-aminophenolato ligand, [Me₂Ga(pz)(o-NH₂C₆H₄O)]. Formation and crystal structure of the molybdenum amidine complex, Mo(CO)₂Br(η^3 -C₃H₅)[η^2 -HN=CMe(pz)] (where pz = pyrazolyl, N₂C₃H₃), 2469

Graham, N.J. see Choudhry, G.G., 2223

Grand, A. see Hruska, F.E., 2618

Gratton, R. see Petersen, N.O., 238

Gray, D.G. see Gurnagul, N., 1935

Greenberg, S. see Leznoff, C.C., 1705

Greenhalgh, R. see Savard, M.E., 2254

Greenhough, T.J. see Paine, J.B., III, 1441

Griesbaum, K., and Bandyopadhyay, A.R. Anomalous ozone degradations of 1-chloro substituted conjugated dienes in methanol, 487

Grindley, T.B., Reimer, G.J., Kralovec, J., Brown, R.G., and Anderson, M. Syntheses of 3-deoxy-3-substituted-D-glucose derivatives. Part I. Improvements in preparation of and nucleophilic additions to 1,6:2,3-dianhydro-4-*O*-benzyl-β-D-allopyranose, 1065

Grossert, J.S., Hoyle, J., Cameron, T.S., Roe, S.P., and Vincent, B.R. The structures of some sulphur-stabilized carbanions and stereo-electronic requirements for the formation of α-sulphonyl carbanions, 1407

Gsponer, H.E. see Bertolotti, S.G., 2425

Guignard, J. see Zalma, R., 523

Guignard, J. see Zalma, R., 2338

Guiheneuf, G., Abboud, J.-L.M., et Bouab, W. Effets de solvant sur les complexes par transfert de charge iode – composé thiocarbonylés, 2106

Guinaudeau, H. see Lavault, M., 343

Guindon, Y., and Delorme, D. Total synthesis of leukotriene B4 analogues: 3-thia-LTB4 and 3-thia 20,20,20-trifluoro-LTB4, 1438

Gunawardhana, H.D., and Fernando, S.A. Extraction and spectrophotometric determination of molybdenum(VI) with N-phenylbenzo-hydroxamic acid and phenylfluorone, 1124

Gundusharma, U.M., and Secco, E.A. New positive mixed alkali and mixed anion effects on fast Na⁺ ion conductivity in Na₂SO₄, 1205 Gurnagul, N., and Gray, D.G. Surface adsorption at low coverage of *n*-alkanes on bleached kraft papers using gas chromatography, 1935

Guthrie, J.P., and Pike, D.C. Hydration of acylimidazoles: tetrahedral intermediates in acylimidazole hydrolysis and nucleophilic attack by imidazole on esters. The question of concerted mechanisms for acyl transfers, 1951

Guthrie, J.P., Cossar, J., and Klym, A. pKa values for substituted acetophenones: values determined by study of rates of halogenation, 2154 Guy, R.D., and Namaratne, S. Nafion-coated mercury-coated glassy carbon electrodes for metals analysis and speciation, 1133

Guzmán, A., Martinez, E., Velarde, E., Maddox, M.L., and Muchowski, J.M. (±)-4-Oxo-9-deoxy-9-azaprostaglandin I₂ derivatives. Very stable prostacyclin analogs, 2164

Hall, J.E. see Carlson, C.G., 2461

Halle, J.-C. see Simmonin, M.-P., 404

Halpin, C.J. see Benson, G.C., 322

Halton, B. see Ashley, K., 2062

Hanessian, S., and Vanasse, B. A synthetic strategy for tricholomic acid and acivicin, 195

Hanessian, S., Dhanoa, D.S., and Beaulieu, P.L. Synthesis of carbocycles from ω-substituted α,β-unsaturated esters via radical-induced cyclizations, 1859

Harrison, D.J. see Glavina, P.G., 1072

Harrod, J.F. see Aitken, C., 1804

Hartgerink, J. see Shaver, A., 1190

Harvey, P.D., Gilson, D.F.R., and Butler, I.S. Phase transitions and molecular motions in adamantane derivatives: 1-adamantanol, 1757

Harvey, P.D. see Pazur, R.J., 1940 Hatano, Y. see Hiratsuka, H., 1185

Hay, G.W. see Doboszewski, B., 412

Hay, G.W. see Doboszewski, B., 412

Hayes, I.E.E. see McIntosh, J.M., 110

Hayes, P.C. see Chadha, R.K., 804

Haynes, J.S., Rettig, S.J., Sams, J.R., Thompson, R.C., and Trotter, J. Structure and magnetic exchange in poly-bis(pyrazine)bis(methane-sulfonato-O)-cooper(II). One-dimensional exchange in a two-dimensional polymer, 420

Hellberg, S. see Wold, S., 1814

Heller, R.A., and Weiler, R. Kinetics of the reaction of p-dinitrobenzene with basic hydrogen peroxide, 251

Hempel, A., Camerman, N., and Camerman, A. Benzodiazepine stereochemistry: crystal structures of the diazepam antagonist Ro 15-1788 and the anomalous benzodiazepine Ro 5-4864, 1608

Hempstead, M.R., Lever, A.B.P., and Leznoff, C.C. Electrocatalytic reduction of molecular oxygen by mononuclear and binuclear cobalt phthalocyanines, 2677

Hemscheidt, T., and Spenser, I.D. Biosynthesis of lupanine: incorporation of [3,3-2H₂]cadaverine, 170

Henderson, G.N. see Fischer, A., 1233

Hepler, L.G. see Kim, J.-H., 1726

Herald, D.L. see Pettit, G.R., 1433

Herradon, B. see Valverde, S., 332

Herradon, B. see Valverde, S., 339

Herradón, B. see Valverde, S., 2316

Higuchi, H. see Ohrui, H., 1145

Hindsgaul, O. see Vandana, 1645

Hinks, R.S. see Jones, J.B., 704

Hinman, A.S., and Pavelich, B.J. Versatile thin layer spectroelectrochemical cell employing specular reflectance, 919

Hinz, W., and Just, G. The synthesis of 3-carboxymethyleneazetidinones 1503

Hiraoka, K. Relationship between gas-phase proton affinities of conjugate bases B's and free energies of hydration of conjugate acid ions BH*'s for B = alkyl-substituted H₂O and NH₃, 1258

Hiratsuka, H., Sekiguchi, K., Hatano, Y., Tanizaki, Y., and Mori, Y. Polarized absorption spectra of radical ions of some azanaphthalenes and biphenyls in stretched polymer films, 1185

Hirsch, W., DiMartini, C., Fried, V., and Ling, W. Complexation of aqueous ammonia by cyclodextrins, 2661

Hojatti, M. see Banait, N., 441

Holland, H.L., Bergen, E.J., Chenchaiah, P.C., Khan, S.H., Munoz, B., Ninniss, R.W., and Richards, D. Side chain hydroxylation of aromatic compounds by fungi. 1. Products and stereochemistry, 502

Holland, H.L. see Jahangir, 727

Holland, H.L. see Jahangir, 2362

Hoo, K.H. see Quilliam, M.A., 1128

Hopkinson, A.C. see Rodriquez, C.F., 1209

Hopkinson, A.C. see Ablenas, F.J., 1800

Hori, H. see Ohrui, H., 1145

Horne, S. see Weeratunga, G., 2019

Howard-Lock, H.E., Lock, C.J.L., Martins, M.L., Faggiani, R., and Duarte, M. Bis((S)-5,5-dimethylthiazolidine-4-carboxylic acid) protium chloride hydrate [(C₆H₁₁NO₂S)₂H]Cl·H₂O, a salt containing a hemiprotonated zwitterion, 878

Howard-Lock, H.E. see Bell, R.A., 261

Howard-Lock, H.E. see Faggiani, R., 1568

Howery, D.G., and Rubenstein, M. Target factor analysis of bond dissociation energies, 1380

Hoyano, Y. see Ayer, W.A., 748

Hoyle, J. see Grossert, J.S., 1407

Hruska, F.E., Sebastian, R., Grand, A., Voituriez, L., and Cadet, J. Characterization of a γ-radiation-induced decomposition product of thymidine. Crystal and molecular structure of the (-)cis(5R,6S) thymidine glycol, 2618

Hu, S. see Barton, R.J., 2082

Hu, Y.-C. see Pastor, R.E., 1356

Huang, Y.Y. see Carlson, C.G., 2461

Huber, C.P. see Girard, M., 191

Huel, C. see Bisagni, E., 2027

Hughes, D. see Brown, B.E., 2855

Humffray, A.A. Densities and apparent molar volumes of aqueous NaCl-KBr mixtures at 298.15 K. An alternative treatment, 833

Hunter, N.R., Khan, M.Z., Marat, K., El-Kabbani, O.A.L., and Delbaere, L.T.J. Schmidt reaction on camphor. Part I. Structure of the products, 137

Hutton, H.M., Kunz, K.R., Bozek, J.D., and Blackburn, B.J. Determination of substituent effects by factor analysis and multiple linear regression for the carbon-13 nuclear magnetic resonance chemical shifts in 4-substituted phenols and 2-nitrophenols, 1316

Huysecom, J. see Bartik, K., 2118

Iriepa, I. see Galvez, E., 687

Irish, B. see Brownstein, S., 445

Ito, S., Kasai, M., Ziffer, H., and Silverton, J.V. Preparation of chiral allylic alcohols using *Rhizopus nigricans*. Use of the Harada–Nakanishi exciton chirality method for verifying configurational assignments of allylic alcohols, 574

Iyengar, N.R. see Tee, O.S., 1714

Jacobs, H. see McLean, S., 2519

Jahangir, MacLean, D.B., and Holland, H.L. Preparation of 8-methylberberines and aza analogues: Synthesis of (±)-alamaridine, 727

Jahangir, Brook, M.A., MacLean, D.B., and Holland, H.L. 8H-Isoquino[2,1-b][2,7]naphthyridin-8-ones: synthesis of the Alangium alkaloids, alangimaridine and alangimarine, 2362

Jaime, C. see Bueno, M.P., 2182

Jain, R. see Ablenas, F.J., 1800

James, B.R. see David, S., 1098

Jarczewski, A. see Biswas, M.K., 1007

Jarreau, F.-X., Koenig, J.J., Pays, M., Leroyer, R., Brisse, F., et Richer, J.-C. Préparation et détermination des configurations des dihydroxy-10,11 dihydro-10,11 quinidines 10(R) et 10(S), des métabolites de la quinidine, 2701

Jaseja, M. see Findlay, J.A., 1384

Jaseja, M. see Findlay, J.A., 2605

Jaurand, M.-C. see Touray, J.-C., 508

Jaurand, M.-C. see Zalma, R., 2338

Jaworska-Sobiesiak, A. see Weeratunga, G., 2019

Jean, M. see Burnell, R.H., 775

Jeganathan, M. see Ramakrishna, R.S., 947

Jegatheesan, P.P. see Srinivasan, C., 2421

Jemson, H.M., Bevan-Lewis, W., and Gerry, M.C.L. The microwave spectrum and structure of bromine thiocyanate. BrSCN, 2478

Jenkins, J.A. see Knop, O., 1527

Jennings, H.J. see Pozsgay, V., 2764

Jewell, D.R., Mathew, L., and Warkentin, J. Rate constant for chlorine abstraction from CCl₄ by the 5-hexenyl radical, 311

Jimenez, C. see Aramendia, A., 2791

Jimenez, L.P. see Gainza, A.H., 2286

Jing, S.-L., and Stephens, R. Detection of the isotopes of lithium using the Faraday effect, 903

Johnson, J.P., Murchie, M., Passmore, J., Tajik, M., White, P.S., and Wong, C.-M. The preparation of Sel₃SbF₆ and Tel₃SbF₆; the X-ray crystal structures of SBr₃AsF₆, Sel₃AsF₆, Sel₃SbF₆, and Tel₃SbF₆; some considerations of the energetics of the formation of SBr₃AsF₆ and Sel₃AsF₆, 2744

Johnson, J.P. see Batchelor, R.J., 2187

Johnson, K.E. see Barton, R.J., 2082

Jones, C.H.W. see Aramini, J., 2643

Jones, J.B., and Hinks, R.S. Enzymes in organic synthesis. 36. Synthesis of optically active civet constituent from an enzyme-generated chiral synthon, 704

Jones, J.B., and Dodds, D.R. Enzymes in organic synthesis. 37. Preparation and characterization of potential decalindione substrates of horse liver alcohol dehydrogenase, 2397

Jones, J.B. see Toone, E.J., 2722

Jones, N.D. see Ma, L.Y.Y., 256

Jonsson, J. see Wold, S., 1814

Joshi, B.S., Wunderlich, J.K., and Pelletier, S.W.
13C nuclear magnetic resonance spectroscopy in the elucidation of structures of diterpenoid alkaloids, 99

Judge, R.H., Moule, D.C., and Goddard, J.D. Thioamide spectroscopy: long path length absorption and quantum chemical studies of thioformamide vapour, CHSNH₂/CHSND₂, 2100

Jung, G.L. see Piers, E., 670

Jung, G.L. see Piers, E., 1668

Just, G., and Sacripante, G. Synthesis of tricyclic azetidinones by intramolecular free radical cyclization, 104

Just, G. see Dugat, D., 88

Just, G. see Hinz, W., 1503

Kaiser, S.M. see Burnell, D.J., 154

Kalsi, S., Laframboise, R., and Scott, R.M. The reactivity of aliphatic amines and morpholines in dioxane-water solvent systems, 563

Kamat, P.V. see Muneer, M., 1624

Kamat, P.V. see Ashok, K., 2039

Kaminski, M. see Faggiani, R., 1154

Kanters, J.A. see Koole, L.H., 326

Kapoor, P. see Kapoor, R. 1195

Kapoor, R., Wadhawan, P., and Kapoor, P. Preparation, properties, and characterization of methanesulfonato complexes of arsenic(III), antimony(III), and bismuth(III), 1195

Kapoor, R. see Gillespie, R.J., 2665

Karasek, F.W. see Naikwadi, K.P., 970

Karle, I. see Arnold, R., 131

Kasai, M. see Ito, S., 574

Katócs, Á. see Szabó, J., 175

Katsuura, K., and Snieckus, V. Directed ortho metalation reactions. Convergent synthesis of "angular" anthracyclinones ochromycinone and X-14881 C, 124

Kaufman, T.S., Mischne, M.P., Gonzalez-Sierra, M., and Ruveda, E.A. Synthesis and ¹³C nuclear magnetic resonance spectral analysis of some diterpenoids related to the cleistanthane type hydrocarbon isolated from *Amphibolis antarctica*, 2024

Kayser, M.M. see Boykin, D.W., 1214

Kazakoff, C.W., Rye, R.T.B., and Tee, O.S. The fast atom bombardment mass spectra of some N-substituted pyrimidinium salts, 718

Kergoat, R. see Kubicki, M.M., 1292

Khan, A.K., Baldwin, W.G., and Chow, A. Extraction of alkali metal cations into polyester-based polyurethane foam using crown ether and picric acid, 1103

Khan, M.Z. see Hunter, N.R., 137

Khan, M.Z. see Buchanan, G.W., 2564

Khan, S.H. see Holland, H.L., 502

Khan, Z., and Durst, T. Preparation of 1-thio and 1-amino substituted 1,3-dihydrobenzo[c]thiophene 2,2-dioxides, 482

Khondo, L. see Aspinall, G.O., 2069

Khorami, J., Beaudoin, R., et Ménard, H. Étude des mélanges eau-HF par spectroscopie infrarouge à transformée de Fourier, 817

Khorami, J., Noel, L., et Ménard, H. Adsorption de l'azote sur l'amiante chrysotile phosphaté et lixivié, 1397

Khorami, J., Lemieux, A., and Nadeau, D. The phosphorylation of chrysotile asbestos fibers with phosphorus oxychloride (POCl₃): mechanism of reaction and chemical composition of the external coating, 2268

Khouw, B. see Leznoff, C.C., 1705

Kim, J.-H., Dobrogowska, C., and Hepler, L.G. Thermodynamics of ionization of aqueous alkanolamines, 1726

Klapstein, D., and O'Brien, R.T. The He(I) photoelectron spectra of the propenoyl halides, 683

Kliegel, W., Lauterbach, U., Rettig, S.J., and Trotter, J. Structural studies of organoboron compounds. XXVI. 8-Methyl-6,6-diphenyl-5,7-dioxa-8-azonia-6-borata-6,7-dihydro-5*H*-benzocycloheptene, 1457

Kluger, R., Thatcher, G.R.J., and Stallings, W.C. Synthesis, structure, and hydrolysis of esters and strained and unstrained N-phosphonylureas, 1838

Klym, A. see Guthrie, J.P., 2154

Knaus, E.E. see Fiakpui, C.Y., 1158

Knop, O., Cameron, T.S., Adhikesavalu, D., Vincent, B.R., and Jenkins, J.A. Crystal chemistry of complex indium(III) and other M(III) halides, with a discussion of M—Cl bond lengths in complex M(III) chlorides and of the structures of and hydrogen bonding in (NH₄)₂[InCl₅(H₂O], K₃InCl₅·nH₂O, (MeNH₃)₄[InCl₅]Cl, and (Me₂NH₂)₄[InCl₆]Cl, 1527

Knop, O. see Vincent, B.R., 1042

Knop, O. see Choi, S.C., 1109

Koenig, J.J. see Jarreau, F.-X., 2701

Kokkinidis, G. see Sazou, D., 397

Kolt, R.J. see Edwards, O.E., 595

Kong, D. see Barclay, L.R.C., 2541

Koole, L.H., Buck, H.M., Kanters, J.A., and Schouten, A. Molecular conformation of 2'-deoxy-3',5'-di-O-acetyl adenosine. Crystal structure and high resolution proton nuclear magnetic resonance investigations, 326

Koole, L.H., Buck, H.M., Nyilas, A., and Chattopadhyaya, J. Structural properties of modified deoxyadenosine structures in solution. Impact of the *gauche* and anomeric effects on the furanose conformation, 2089

Kopecky, K.R., and Molina, J. Bis(dimethoxymethyl) peroxide and bis(1,1-dimethoxyethyl)peroxide, 2350

Kossanyi, J. see Görner, H., 708

Kotila, S. see Carlson, C.G., 2461

Kralovec, J. see Grindley, T.B., 1065

Kratochvil, B., Motkosky, N., Duke, M.J.M., and Ng, D. Determination of trace aluminum concentration and homogeneity in biological reference material TORT-1 by instrumental neutron activation analysis and graphite furnace atomic absorption spectroscopy, 1047

Krepinsky, J.J. see Whitfield, D.M., 693

Kresge, A.J., and Yin, Y. Vinyl ether hydrolysis. XVIII. The two-stage reaction of 2,3-dimethoxy-1,3-butadiene, 1753

Kresge, A.J. see Banait, N., 441

Kresge, A.J. see Allen, A.D., 1719

Krishna, M.V. see Back, T.G., 38

Kruk, C. see Cerfontain, H., 2234

Kubicki, M.M., Le Gall, J.-Y., Kergoat, R., and de Lima, L.C.G. Cyclopentadienyl complexes with transition metal – main group metal bonds. VII. ²⁰⁷Pb and ⁹⁵Mo nuclear magnetic resonance studies on molybdenum and tungsten complexes [(η⁵-C₅H₅)(CO)₃M]nPbR_{4-n} (n = 1, R = Me, Et, Ph; n = 2, R = Ph), 1292

Kulińska, K., and Wiewiórowski, M. A comparative study on the dynamics of epimeric 1-hydroxymethylquinolizidines: I. Conformational analysis of monomers and spectroscopic data for solid state, liquid state, and dilute solutions, 205

Kulkarni, N.D., and Bhattacharya, P.K. Solution and solid state studies of some ternary complexes of Cu(II) involving heteroaromatic N-bases and o-hydroxy aromatic carbonyls, 348

Kumar, K., Litt, M.H., Chadha, R.K., and Drake, J.E. Synthesis, ¹H, ¹³C, and ²⁹Si nuclear magnetic resonance spectra and crystal structure of *trans*-1,4-diphenyldecamethylcyclohexasilane, 437

Kumar, N., Tuck, D.G., and Watson, K.D. The direct electrochemical synthesis of some transition metal carboxylates, 740

Kumar, R. see Geloso, C., 928

Kumar, R. see Chadha, R.K., 1336

Kundu, K.K. see Rudra, S., 2595

Kundu, K.K. see Rudra, S., 2843

Kunz, K.R. see Hutton, H.M., 1316

Kwak, J.C.T. see Perron, G., 990

Lachapelle, A., and St-Jacques, M. Conformational analysis of 3-substituted-2,3,4,5-tetrahydro-1-benzoxepin by ¹H and ¹³C nuclear magnetic resonance, 2575

Lachmansing, S.S. see McLean, S., 2519

Laduranty, J., Barbot, F., et Miginiac, L. Chimie des radioprotecteurs : synthèse d'alkylamino-2 éthanethiols encombrés sur l'atome d'azote, 859

Lafon, C. see Vallee, Y., 290

Laframboise, R. see Kalsi, S., 563

LaFrance, R.J., Manning, H.W., and Vaughan, K. Open-chain nitrogen compounds. Part XII. Methanolysis of 3-alkyl-3,4-dihydro-1,2,3-benzotriazin-4-ols: evidence for ring-chain tautomerism with the cytotoxic monoalkyltriazenes, 292

Laidler, J.K. see Elofson, R.M., 2770

Lakhani, C., Mathew, L., and Warkentin, J. Rate constant for hydroxylation of a primary alkyl radical by induced decomposition of an alpha hydroperoxyalkyl diazene, 1748

Lam, H.Y.P. see Wong, C.M., 1375

Lamont, L.J. see Arnold, D.R., 2734

Lamothe, S. see Deslongchamps, P., 1298

Lampreia, I.M.S. see Amorim da Costa, A.M., 384

Langler, R.F., and Morrison, N.A. Chemoselective reaction of a sulfonate ester with methoxide ions in preference to benzyl mercaptide anions, 2385

Lanzetta, R. see Adinolfi, M., 2317

Laquerre, S. see Bélanger, A., 1392

Lasia, A., and Rami, A. Mechanism of electroreduction of 9-anthraldehyde, 744

Lauterbach, U. see Kliegel, W., 1457

Lavault, M., Bruneton, J., Cavé, A., Chan, K.C., Deverre, J.R., Sevenet, T., et Guinaudeau, H. Alcaloïdes bisbenzylisoquinoléiques de Albertisia cf. A. papuana, 343

Lawrence, J. see Afghan, B.K., 1086

Lazraq, M. see Couret, C., 1230

Leaist, D.G. Coupled transport of iodide ions during interdiffusion of aqueous HCl and NaOH, 2489

Leal, J.M. see Domingo, P.L., 583

Lee, C.C., and Wanigasekera, D. Solvolytic rearrangement studies with (E)- and (Z)-2-anisyl-1,2-ditolyl[2-13C]vinyl bromides, 933

Lee, D.G., and Demchuk, K.J. A carbon-13 nuclear magnetic resonance study of the basicities of aliphatic alcohols, 1769

Lee, F. see Brownstein, S., 445

Lee, F.L. see Lucas, C.R., 898

Lee, H.-h., Angus, R.H., Carey, P.R., and Storer, A.C. Resonance Raman spectroscopic evidence for the formation of covalent complexes between N-acylamino acid dithioesters and mercury papain, 1521

Lee, K. see Mallela, S. P., 2649

Lee, Y. see Chen, F.M.F., 613

Lee-Ruff, E., and Ablenas, F.J. Acid-catalyzed rearrangement of cyclobutanols. A novel rearrangement, 1663

Lee-Ruff, E. see Ablenas, F.J., 1800

Leete, E. Stereochemistry of the 1,2-migration of the carboxyl group that occurs during the biosynthesis of tropic acid from phenylalanine,

Lefebvre, D. see Benoit, R.L., 996

Leffek, K.T. see Biswas, M.K., 1007

Le Gall, J.-Y. see Kubicki, M.M., 1292

Leger, D. see Afghan, B.K., 1086

Leighton, K.L., and Wasylishen, R.E. Deuterium isotope effects on the ¹¹⁹Sn shielding constants and spin-spin coupling constants in stannane and the stannonium cation, 1469

Lelièvre, J. see Terrier, F., 1980

Lemieux, A. see Khorami, J., 2268

Lemieux, R.U. see Praly, J.-P., 213

Lenkinski, R.E. see Allman, T., 2405

Leroyer, R. see Jarreau, F.-X., 2701

Lessard, J. see Ouédraogo, A., 1761

Lessard, J. see Tuaillon, J., 2194

Lever, A.B.P. see Nevin, W.A., 855

Lever, A.B.P. see Leznoff, C.C., 1705

Lever, A.B.P. see Hempstead, M.R., 2677

Leznoff, C.C., Greenberg, S., Khouw, B., and Lever, A.B.P. The syntheses of mono- and disubstituted phthalocyanines using a dithioimide, 1705

Leznoff, C.C. see Hempstead, M.R., 2677

Li, X., and Stone, J.A. The gas phase ion chemistry and proton affinity of hexamethyldisiloxane studied by high pressure mass spectrometry, 2454

Li, X. see Wojtyniak, A.C.M., 28

Lin, H.-S. see Deslongchamps, P., 1298

Lin, T.-S. see Birnbaum, G.I., 2135

Ling, W. see Hirsch, W., 2661

Litt, M.H. see Kumar, K., 437

Liu, D.K., and Chang, S.G. Kinetic study of the reaction between cystine and sulfide in alkaline solutions, 770

Liu, G., Toguri, J.M., and Stubina, N.M. Surface tension and density of the molten LaCl₃-NaCl binary system, 2779

Liu, H.-J., and Browne, E.N.C. Total synthesis of a proposed structure of isohimachalone, 182

Liu, H.-J., and Browne, E.N.C. Diels-Alder reactions of 4,4-dimethyl-2-cyclohexenones. A direct route to the 4,4-dimethyl-1-decalones, 1262

Liu, W. see Nevin, W.A., 855

Lluch, J.M. see Ortega, M., 1995

Lluch, J.M. see Moreno, M., 2774

Lock, C.J.L. see Bell, R.A., 261

Lock, C.J.L. see Howard-Lock, H.E., 878

Lock, C.J.L. see Faggiani, R., 1154

Lock, C.J.L. see Faggiani, R., 1568

Lock, C.J.L. see Brown, B.E., 2855

Locke, S.J. see Barclay, L.R.C., 2529

Locke, S.J. see Barclay, L.R.C., 2541

Lopata, V.J. see Taylor, P., 2824

Lopez-Grado, J.R. see Geloso, C., 928

Lorente, A. see Galvez, E., 687

Losa, C.G. see Gallardo, M.A., 2198

Louie, B. see Brownstein, S., 445

Louie, B. see Brownstein, S., 1361

Louis, C., Bebba, A., and Bessiere, J. Activity level in concentrated mineral acid mixtures. Iso-acidic media, 1353

Lucas, C.R., Newlands, M.J., Gabe, E.J., and Lee, F.L. The synthesis, crystal and molecular structure of triphenyl(phenylthio)silane, Ph₃SiSPh, and of bis(μ-thiophenolato)bis[tetracarbonyltungsten(I)], [W(CO)₄(SPh)]₂, 898

Luo, Y.G., Barton, R.J. and Robertson, B.E. Structure and absolute configuration of [1-(N,N-dimethylammonium)ethyl]ferrocene tartrate dihydrate, 2756

Luu-Duc, C. see Brouant, P., 2217

Ma, L.Y.Y., Camerman, N., Swartzendruber, J.K., Jones, N.D., and Camerman, A. Stereochemistry of dopaminergic ergoline derivatives: structures of pergolide and pergolide mesylate, 256

Mabrouk, H.E. see Chadha, R.K., 804

Macaulay, J.B. see Ayer, W.A., 7

MacLean, D.B. see Fodor, L., 18

MacLean, D.B. see Fodor, L., 636

MacLean, D.B. see Jahangir, 727

MacLean, D.B. see Czarnocki, Z., 2356

MacLean, D.B. see Jahangir, 2362

Maddox, M.L. see Guzmán, A., 2164

Maehara, N. see Sano, T., 94

Magne, L. see Touray, J.-C., 508

Magno, S. see Ciminiello, P., 518

Mahajan, J.R., and Araújo, H.C. Attempted novel preparation of dihydrocoumarin and coumarin; obtention of aryl acrylates and 3-chloropropionates, 224

Mahasay, S.R. see Fischer, A., 1233

Maillard, B. see Agorrody, M., 2694

Maken, S. see Nigam, R.K., 512

Makulski, W. see Deslauriers, H., 1631

Maleki, M. see Ablenas, F.J., 1800

Mallela, S.P., Lee, K., Gehrs, P.F., Christensen, J.I., Sams, J.R., and Aubke, F. The synthesis and characterisation of hetero-bimetallic sulfonate bridged coordination polymers of the type M^{II}Sn^{IV}(SO₃X)₆ with X = F or CF₃, 2649

Mandal, S.K., Thompson, L.K., Nag, K., Charland, J.-P., and Gabe, E.J. Copper(II) complexes of a macrocyclic binucleating ligand which exhibit two-electron oxidation and two-electron reduction. Structure of [Cu₂(C₂₄H₃₄N₄O₂)(CH₃(CH₃OH)₂](ClO₄)₂, a macrocyclic dicopper(II) complex involving coordinated methanol, 2815

Mangoni, L. see Adinolfi, M., 2317

Manning, H.W. see LaFrance, R.J., 292

Manoharan, R., and Dogra, S.K. Unusual spectral shifts in the prototropic reactions of 3,7-diaminofluorene, 2013

Marat, K. see Hunter, N.R., 137

Marco, J.A., Arno, M., and Carda, M. Synthesis of yomogin, 1-deoxyivangustin, and 1-deoxy-8-epiivangustin, 630

Mardomingo, C.L. see Alcaide, B., 2050

Marinas, J.M. see Aguilera, A., 1165

Marinas, J.M. see Aramendia, A., 2791

Markiewicz, M.K. see Fraser, M.E., 2558

Marmet, P. see Plessis, P., 1424

Marmet, P. see Plessis, P., 2004

Marquaire, P.-M. see Chambon, M., 1491

Marschoff, C.M. see Viturro, H.R., 2000

Marsura, A. see Brouant, P., 2217

Martel, A., Daris, J.-P., Bachand, C., and Menard, M. Anhydropenicillin: a key intermediate for the stereocontrolled introduction of the 6-R-hydroxyethyl side chain of the penem and carbapenem antibiotics, 2179

Martin, R.O. see McKinnon, D.M., 2830

Martinez, E. see Guzmán, A., 2164

Martinez-Ripoll, M. see Goya, P., 298

Martin-Lomas, M. see Valverde, S., 332

Martin-Lomas, M. see Valverde, S., 339

Martín-Lomas, M. see Valverde, S., 2316

Martins, M.E. see Viturro, H.R., 2000

Martins, M.L. see Howard-Lock, H.E., 878

Massiani, Y., Petetin, S., Ngoc, G.N., et Crousier, J.-P. Étude du comportement d'un alliage Cu-Ni 70:30 dans une solution de NaCl à 3% par la détermination de sa résistance de polarisation, 1254

Mastalerz, H., Mohammad, T., and Gibson M.S. A 2-methylthio-3,5-diaryl-1,3,4-thiadiazolium cation; its reactions, and further exploration of the chemistry of 2-alkyl-3,5-diaryl-1,3,4-thiadiazolium cations, 2713

Masters, A.P., Sorensen, T.S., and Tran, P.M. A new procedure for the in situ generation of methylene ketenes, 1499

Mata-Perez, F., and Perez-Benito, J.F. Kinetics and mechanisms of oxidation of methylamine by permanganate ion, 2373

Mata-Perez, F. see Perez-Benito, J.F., 2329

Mathew, L. see Jewell, D.R., 311

Mathew, L. see Lakhani, C., 1748

Mathur, N. see Foster, B., 1599

Mauleon, D. see Delgado, A., 868

Maury, L., Delarbre, J.-L., Rambaud, J., et Pauvert, B. Caractérisation et spectres de vibration du sulpiride, 1613

Mayo, P. de see Carson, P.A., 976

Mayol, L. see Ciminiello, P., 518

Mayoral, J.A. see Alcaide, B., 2050

Mayoral, J.A. see Bueno, M.P., 2182

M'Boungou, R., Petit-Ramel, M., Thomas-David, G., Perichet, G., et Pouyet, B. Les interactions du Cu(II), du Hg(II) et du Pt(II) avec les formes monomères et dimères de la thymine, la thymidine et l'acide orotique, 1479

McAuley, I. see Wan, P., 1775

McCall, J.M. see Shaver, A., 1676

McCalla, D.R. see Quilliam, M.A., 1128

McCarry, B.E. see Quilliam, M.A., 1128

McCaskill, R.H. see Ayer, W.A., 15

McClelland, R.A., and Steenken, S. Pronounced solvent effect on the absorption spectra of the photochemically produced 2,4-dinitrobenzyl carbanion, 353

McClelland, R.A., and Seaman, N.E. Kinetic and equilibrium study of the ring opening of 2-aryl-1-methyl-1-pyrrolinium ions in aqueous solution, 1689

McGovern, A.M. see Naikwadi, K.P., 970

McIntosh, J.M., and Hayes, I.E.E. A general intramolecular Diels-Alder approach to tricyclic sesquiterpenes: stereoselective total syntheses of (±)-sinularene and (±)-5-epi-sinularene, 114

McKinnon, D.M., Secco, A.S., and Duncan, K.A. The reaction of 2,1-benzisothiazoline-3-thiones with acetylenic reagents, 1247

McKinnon, D.M., Clark, P.D., Martin, R.O., Delbaere, T.J., and Quail, J.W. The reaction of 3,5-diphenyl-1,2-dithiolium-4-olate with aniline: the crystal structure of 1-phenylimino-2-phenylimino-3-phenylindene, 2830

McKinnon, D.M. see Schaefer, T., 908

McKinnon, M.S. see Dickson, R.M., 941

McLaren, J.W. see Sturgeon, R.E., 961

McLean, S., Reynolds, W.F., and Zhu, X. Assignment of the ¹H and ¹³C spectra of aspidocarpine and assignment of the structure and stereochemistry of the von Braun reaction product of aspidocarpine by 2D nmr spectroscopy, 200

McLean, S., Perpick-Dumont, M., Reynolds, W.F., Jacobs, H., and Lachmansing, S.S. Unambiguous structural and nuclear magnetic resonance spectral characterization of two triterpenoids of *Maprounea guianensis* by two-dimentional nuclear magnetic resonance spectroscopy, 2519

McLean, S. see Zhu, X., 2447

McManus, N.T. see Chadha, R.K., 2305

McMurry, T.B.H. see Clements, M.T.M., 1810

Meguro, H. see Ohrui, H., 1145

Mehrotra, R.N. see Mehta, M., 277

Mehta, M., Nagori, R.R., and Mehrotra, R.N. Kinetics and mechanisms of oxidations by metal ions. Part VIII. Oxidation of *n*-propanol by aquomanganese(III) ions, 277

Mei, Q. see Ashley, K., 2062

Melendo, J.M. see Gallardo, M.A., 2198

Ménard, H. see Beaudoin, R., 528

Ménard, H. see Khorami, J., 817

Ménard, H. see Khorami, J., 1397

Ménard, H. see Potvin, E., 2109

Menard, M. see Martel, A., 2179

Mérand, Y. see Bélanger, A., 1392

Michaelian, K.H., Bukka, K., and Permann, D.N.S. Photoacoustic infrared spectra (250-10 000 cm⁻¹) of partially deuterated kaolinite #9, 1420

Michel, A., Evrard, G., et Norberg, B. Étude conformationnelle de cétopipérazines : (I) 3R-méthyl-6-carbéthoxy-2 oxopipérazine, (II) 3 R-[p-hydroxybenzyl]-6-carbéthoxy-2 oxopipérazine : I, II en solution et structure cristalline de II, 1308

Miginiac, L. see Laduranty, J., 859

Mihichuk, L.M., Giesinger, C.L., Robertson, B.E., and Barton, R.J. Seven coordination. 1. Synthesis, structure, and fluxionality of (CH₃)₂AsC(CF₃)=C(CF₃)As(CH₃)₂ W(CO)₂I₂P(OCH₃)₃, 2634

Milne, J. Haloselenate(IV) formation and selenous acid dissociation equilibria in hydrochloric and hydrofluoric acids, 316

Mines, S.A. see Arnold, D.R., 2312

Minguillon, C. see Delgado, A., 868

Minichino, C. see Fliszár, S., 2495

Mischne, M.P. see Kaufman, T.S., 2024

Mishra, K. see Pandey, J.D., 303

Mislankar, A. see Chadha, R.K., 2305

Mohammad, T. see Mastalerz, H., 2713

Mohedano, J.M. see Galvez, E., 687

Moir, D.B. see Girard, M., 189

Molina, J. see Kopecky, K.R., 2350

Molino, B.F., and Fraser-Reid, B. Controlled formation of dipyranoside derivatives through C6 and O4. Pyranosidic homologation. VII, 2834

Molle, G., Dubois, J.E., et Bauer, P. Contribution à l'étude des réactions d'alkylation et de polyalkylation de l'adamantane et de ses homologues, 2428

Moltrasio Iglesias, G.Y. see Alesso, E.N., 2568

Money, T. see Hutchinson, J.H., 1

Montaudon, E. see Agorrody, M., 2694

Mooibroek, S., and Wasylishen, R.E. A carbon-13 nuclear magnetic resonance study of solid tetracyclines, 357

Morand, P. see Drew, J., 1784

Morel, J.-P. see Alvarez, A.M., 2656

Morel-Desrosiers, N. see Alvarez, A.M., 2656

Moreno, M., Lluch, J.M., Oliva, A., and Bertrán, J. The effect of electron-pair donor solvents on methylene reactivity, 2774

Moretti, C. see Pettit, G.R., 1433

Mori, Y. see Hiratsuka, H., 1185

Morrison, N.A. see Langler, R.F., 2385

Morton, H.E. see Piers, E., 78

Motkosky, N. see Kratochvil, B., 1047

Motoyama, T. see Nishimura, N., 2248

Moule, D.C. see Judge, R.H., 2100

Mousset, G. see Douch, J., 549

Muchowski, J.M. see Guzmán, A., 2164

Muneer, M., Tikare, R.K., Kamat, P.V., and George, M.V. Electron transfer reactions. Reaction of Δ^2 -oxazoline-5-ones and related substrates with potassium, 1624

Munoz, B. see Holland, H.L., 502

Muralidharan, S. see Wan, P., 1775

Murchie, M. see Johnson, J.P., 2744

Murchie, M.P., Passmore, J., and White, P.S. The characterisation and X-ray crystal structure of pentabromodiselenium hexafluoroarsenate, Se₂Br₅AsF₆; some thermodynamic considerations and the nonexistence of Se₂I₅AsF₆, 1584

Murchie, M.P. see Rodrigue, A., 2551

Murray, P.J. see Findlay, J.A., 427

Nadeau, D. see Khorami, J., 2268

Nag, K. see Mandal, S.K., 2815

Nagarajan, K., Shelly, K.P., Perkins, R.R., and Stewart, R. Arylphosphonic acids. I. Substituent effects on their first and second dissociations, 1729

Nagarajan, K. see Shelly, K.P., 1734

Nagori, R.R. see Mehta, M., 277

Naikwadi, K.P., McGovern, A.M., and Karasek, F.W. Prospectives of polymeric liquid crystal stationary phases for capillary column gas chromatographic separations, 970

Namaratne, S. see Guy, R.D., 1133

Naoum, M.M., Saad, G.R., Abdel-Moteleb, M.M., Shinouda, H.G., and Rizk, H.A. Dielectric polarization and molecular interaction. Part I. Acetoacetanilide and benzoylacetanilide-triethylamine-benzene systems, 2760

Narasaraju, T.S.B. see Rai, U.S., 1313

Nascimento, O.R. see Colombo, M.F., 821

Nason, D. see Strauss, M.J., 1891

Natansohn, A., and Eisenberg, A. Nuclear magnetic resonance studies of ionomers. 5. Spectra of poly(methyl methacrylate-co-4-vinyl pyridine), poly(methyl methacrylate-co-2-methyl-5-vinyl pyridine), and their quaternized derivatives, 1873

Naxakis, S. see Coxon, J.A., 980

Neeland, E.G. see Ferreira, J.T.B., 2314

Neiva, S.M., Souza Santos, L., Barros Araújo, B., Cardoso do Nascimento Filho, J., and Franco, D.W. Substitution reactions of some pseudo-halides in *trans*-[Ru(NH₃)P(OEt)₃(H₂O)]²⁺, 372

Neudorfl, P.S. see Back, R.A., 451

Nevin, W.A., Liu, W., and Lever, A.B.P. Dimerisation of mononuclear and binuclear cobalt phthaloyanines, 855

Newlands, M.J. see Lucas, C.R., 898

Ng, D. see Kratochvil, B., 1047

Ngoc, G.N. see Massiani, Y., 1254

Nicholas, A.M. de P., and Wasylishen, R.E. A nuclear magnetic resonance study of aqueous solutions of several nitrate salts, 951

Nicolosi, G. see Tringali, C., 2369

Nieves, R. see Goya, P., 298

Nigam, R.K., Singh, K.C., and Maken, S. Electrical breakdown phenomenon and electronic conduction during the anodic growth of Nb₂O₅, 512

Ninniss, R.W. see Holland, H.L., 502

Nishida, Y. see Ohrui, H., 1145

Nishimura, N., Tanaka, T., and Motoyama, T. Additivity of the partial molar volumes of organic compounds, 2248

Noel, L. see Khorami, J., 1397

Nome, F., Rezende, M.C., Sabòia, C.M., and da Silva, A.C. Kinetics of the thermolysis of para-substituted benzylcobalamins and derivatives, 2095

Norberg, B. see Michel, A., 1308

Northcott, C.J., and Valenta, Z. A study of chiral induction in some diene additions catalyzed by chiral alkoxyaluminum dichlorides, 1917 Nyilas, A. see Koole, L.H., 2089

Obal, T.W. see Boeré, R.T., 798

O'Brien, R.N., and Santhanam, K.S.V. Concentration profiles in the electrodeposition of copper ferrocyanide by laser interferometry, 2009 O'Brien, R.T. see Klapstein, D., 683

Ochoa, C. see Goya, P., 298

Oehlschlager, A.C. see Corey, L.D., 1821

Ogilvie, W., and Rank, W. Thermolysis of geminal diazides: a novel route to 1,3,4-oxadiazoles, 166

Ohrui, H., Nishida, Y., Higuchi, H., Hori, H., and Meguro, H. The preferred rotamer about the C₅—C₆ bond of D-galactopyranoses and the stereochemistry of dehydrogenation by D-galactose oxidase, 1145

Oliva, A. see Ortega, M., 1995

Oliva, A. see Moreno, M., 2774

Oliveira, N.C. see Caldeira, M.M., 2434

O'Malley, G.J. see Appa Rao, J., 31

Onuska, F. see Afghan, B.K., 1086

Onyiriuka, E.C., and Storr, A. Synthesis and characterization of transition metal complexes containing novel, unsymmetric tridentate organogallate ligands, 1367

Onyiriuka, E.C., and Storr, A. Ion-pair interactions between the methyl tris(l-pyrazolyl)gallato molybdenum, tricarbonyl anion, [MeGapz₃]Mo(CO)₃, and the Na⁺ cation, and the reactivity of the anion toward RX molecules (where RX = HCl, DBr, MeI, or EtBr), 2464

Onyiriuka, E.C., Rettig, S.J., Storr, A., and Trotter J. Synthesis, characterization, and crystal and molecular structures of the coordination compounds, [Me₂Ga·O(C₅H₃N)CH₂NMe₂] and [Me₂Ga·O(C₉H₆N)]₂, 782

Onyszchuk, M. see Wharf, I., 639

Ori, E. see Franchini, G., 722

Orsky, A.R., and Whitehead, M.A. Electronegativity in density functional theory: diatomic bond energies and hardness parameters, 1970 Orszanska, H. see Ayer, W.A., 765

Ortega, M., Lluch, J.M., Oliva, A., and Bertran, J. A theoretical insight into the insertion reaction of singlet methylene to the hydrogen molecule, 1995

Orvig, C., Rettig, S.J., and Trotter, J. Structural studies of organoboron compounds, XXV. Synthesis and structure of (malto-lato)diphenylboron, 590

Ottinger, R. see Bartik, K., 2118

Ouédraogo, A., Viet, M.T.P., Saunders, J.K., and Lessard, J. The conformational preference of methoxyl and acetoxyl groups in 3-oxycyclohexenes, 2-oxymethylenecyclohexanes, and 1-oxytetralins and the generalized anomeric effect, 1761

Ounsworth, J.P. see Ferreira, J.T.B., 2314

Page, J.A. see Willie, S.N., 957

Page, J.A. see Elwerfalli, J., 1139

Paine, J.B., III, Dolphin, D., Trotter J., and Greenhough, T.J. Correlations between carbon-13 nuclear magnetic resonance and X-ray crystallography for pyrroles containing electron-withdrawing groups, 1441

Palamakumbura, S. see Ramakrishna, R.S., 947

Paliani, G. see Sgarabotto, P., 2122

Pandey, J.D., Mishra, K., Shukla, A., and Rai, R.D. Ultrasonic and thermodynamic studies of tetracyclines in solutions, 303

Parrilli, M. see Adinolfi, M., 2317

Paryzek, Z., and Błaszczyk, K. Spiro steroids via the Barbier-Grignard reaction of steroidal ketones with allyl bromide and magnesium, 229 Pascal. J.-L. see Fourati, M., 2783

Passmore, J. see Murchie, M.P., 1584

Passmore, J. see Johnson, J.P., 2744

Pasteels, J.M. see Daloze, D., 432

Pastor, R.E., Fabron, J., Cambon, A., et Hu, Y.-C. Étude résonance magnétique nucléaire du ¹³C des F-méthyl-4 coumarines, 1356 Pathirana, S.T. see de Costa, M.D.P., 1416

Pauvert, B. see Maury, L., 1613

Pavelich, B.J. see Hinman, A.S., 919

Paventi, M. Particular solution for any consecutive second-order reaction, 1987

Paventi, M., and Edward, J.T. Preparation of α-aminothioamides from aldehydes, 282

Paventi, M., Chubb, F.L., and Edward, J.T. Assisted hydrolysis of the nitrile group of 2-aminoadamantane-2-carbonitrile, 2114 Pays, M. see Jarreau, F.-X., 2701

Pazur, R.J., Gilson, D.F.R., Harvey, P.D., and Butler, I.S. Proton spin-lattice relaxation time studies and atom-atom nonbonded potential calculations on ferrocenecarbaldehyde (η⁵-C₅H₅)Fe(η⁵-C₅H₄CHO), 1940

Pedras, M.S. see Ayer, W.A., 748

Pedras, M.S. see Ayer, W.A., 754

Pedras, M.S. see Ayer, W.A., 760

Peeling, J. see Schaefer, T., 534

Peeling, J. see Schaefer, T., 908

Peiris, S., Ragauskas, A.J., and Stothers, J.B. ¹³C magnetic resonance studies. 129. Homoenolization in the camphenilone system. Examination of some 7-substituted derivatives, 789

Pelletier, S.W. see Joshi, B.S., 99

Peng, Q.-J. see Dais, P., 1739

Penner, G.H. Conformational preference and internal rotation about the C_1 — C_{α} bond in phenylacetaldehyde and some benzyl alkyl ketones from ¹H nuclear magnetic resonance and *ab initio* molecular orbital calculations, 538

Penner, G.H., Schaefer, T., Sebastian, R., and Wolfe, S. The benzylic anomeric effect. Internal rotational potentials of ArCH₂X compounds (X = F, Cl, SH, SCH₃, S(O)CH₃, SO₂CH₃), 1845

Penner, G.H., see Schaefer, T., 873

Penner, G.H. see Schaefer, T., 908

Penner, G.H. see Schaefer, T., 1496

Penner, G.H. see Schaefer, T., 2175

Perez-Benito, J.F., Mata-Perez, F., and Brillas, E. Permanganate oxidation of glycine: kinetics, catalytic effects, and mechanisms, 2329

Perez-Benito, J.F. see Mata-Perez, F., 2373

Pericas, M.A. see Delgado, A., 868

Perichet, G. see M'Boungou, R., 1479

Perkins, K.A. see Bell, T.N., 541

Perkins, K.A. see Bell, T.N., 545

Perkins, P.G. see Bell, T.N., 541

Perkins, P.G. see Bell, T.N., 545

Perkins, R.R. see Nagarajan, K., 1729

Perlin, A.S. see Dais, P., 1739

Permann, D.N.S. see Michaelian, K.H., 1420

Perpick-Dumont, M. see McLean, S., 2519

Perron, G., Francoeur, J., Desnoyers, J.E., and Kwak, J.C.T. Heat capacities and volumes in aqueous polymer and polymer-surfactant solutions, 990

Perron, G., Trudeau, G., and Desnoyers, J.E. Heat capacities and isentropic compressibilities of electrolytes in propylene carbonate at 25°C, 1402

Petersen, N.O., Gratton, R., and Pisters, E.M. Fluorescence properties of polyene antibiotics in phospholipid bilayer membranes, 238

Petetin, S. see Massiani, Y., 1254

Petit-Ramel, M. see M'Boungou, R., 1479

Pettit, G.R., and Singh, S.B. Isolation, structure, and synthesis of combretastatin A-2, A-3, and B-2, 2390

Pettit, G.R., Cragg, G.M., Polonsky, J., Herald, D.L., Goswami, A., Smith, C.R., Moretti, C., Schmidt, J.M., and Weisleder, D. Isolation and structure of rolliniastatin 1 from the South American tree Rollinia auscosa, 1433

Pezerat, H. see Zalma, R., 523

Pezerat, H. see Zalma, R., 2338

Pfister-Guillouzo, G. see Vallee, Y., 290

Phelan, J. see Strauss, M.J., 1891

Piatak, D.M., and Tang, P.-F.L. Notes on the directed aldol synthesis and reduction of some compounds related to cycloheximide, 1327

Piattelli, M. see Tringali, C., 2369

Pickering, W.F. see Slavek, J., 984

Piehler, L. see Wharf, I., 639

Piekarski, H. Heat capacities and volumes of some non-electrolytes in N,N-dimethylformamide at 298.15 K, 2810

Pierrot, M. see Druet, D., 851

Piers, E., and Jung, G.L. Preparation and thermal rearrangement of 2-(tert-butyldimethylsiloxy)-5-methyl-6-exo-[(Z)-3-methyl-1-butenyl-4-exo-vinylbicyclo[3.1.0]hex-2-ene. A total synthesis of (±)-sinularene, 1668

Piers, E., and Friesen, R.W. Synthesis and Diels-Alder reactions of 1-((E)-2-tert-butyldimethylsiloxy)ethylidene-4a-carbomethoxy-1,2,3,4,4a,5,6,7-octahydronaphthalene and related substances. Preparation of functionalized decahydro-1H-phenalenes, 1681

Piers, E., Morton, H.E., and Chong, J.M. (Trialkylstannyl)copper(I) reagents: preparation and reaction with α , β -unsaturated carbonyl systems. Preparation of β -trialkylstannyl α , β -unsaturated ketones, 78

Piers, E., Jung, G.L., and Ruediger, E.H. Synthesis of functionalized bicyclo[3.2.1]octa-2,6-dienes by thermal rearrangement of substituted 6-exo-(1-alkenyl)bicyclo[3.1.0]hex-2-ene systems, 670

Pike, D.C. see Guthrie, J.P., 1951

Pincock, A.L. see Foster, B., 1599

Pincock, J.A. see Foster, B., 1599

Pinson, J. see Armand, J., 1619

Pinto, B.M., Schlegel, H.B., and Wolfe, S. Bond angle variations in XCY fragments and their relationship to the anomeric effect, 1658

Piotrowski, A. see Brownstein, S., 445

Piro, O.E. see Viturro, H.R., 2000

Pisters, E.M. see Petersen, N.O., 238

Pitner, B. see Strauss, M.J., 1891

Plessis, P., and Marmet, P. Electroionization study of ethane: ionization and appearance energies, ion-pair formations and negative ions, 1424

Plessis, P., and Marmet, P. Electroionization study of ethane: structures in the ionization and appearance curves, 2004

Plumet, J. see Alcaide, B., 2050

Podányi, B. see Reid, R.S., 1508

Poirier, D. see Burnell, R.H., 775

Poirier, R.A., Yadav, A., and Surján, P.R. Effect of protonation on the ground state properties of retinal analogs: an ab-initio study, 892

Polonsky, J. see Pettit, G.R., 1433

Pons, S. see Ashley, K., 2062

Potier, J. see Fourati, M., 2783

Potvin, E., Drogowska, M., Ménard, H., et Brossard, L. La dissolution anodique du cuivre en presence d'ions F dans des solutions aqueuses acides, 2109

Pouet, M.-J. see Simmonin, M.-P., 404

Pouliquen, J. see Görner, H., 708

Pouvet, B. see M'Boungou, R., 1479

Pozsgay, V., Brisson, J.-R., and Jennings, H.J. Synthetic oligosaccharides related to Group B streptococcal polysaccharides. The rhamnotriose moiety of the common antigen, 2764

Praly, J.-P., and Lemieux, R.U. Influence of solvent on the magnitude of the anomeric effect, 213

Prasad, S. see Corsini, A., 915

Preti, C. see Franchini, G., 722

Previtali, C.M. see Bertolotti, S.G., 2425

Privat, M. see Sohounhloue, D., 2299

Prusoff, W.H. see Birnbaum, G.I., 2135

Pruszynski, P. Synthesis and properties of phenyl substituted derivatives of 2-phenyl-1,1,3,3-tetramethylguanidine, 626

Pruszynski, P. Influence of steric hindrance in molecules of substituted 2-phenyl-1,1,3,3-tetramethylguanidines on the kinetics and isotope effects of their proton transfer reactions with 4-nitrophenylnitromethane in acetonitrile solvent, 2160

Purdy, W.C. see Eccles, G.N., 1051

Purdy, W.C. see Eccles, G.N., 1795

Purushothaman, K.K., Venkatanarasimhan, M., Sarada, A., Connolly, J.D., and Rycroft, D.S. Trijugins A and B, tetranortriterpenoids with a novel rearranged carbon skeleton from *Heynea trijuga* (Meliaceae), 35

Purushothaman, K.K., Sarada, A., and Saraswathy, A. Chemical constituents of Lansium anamallayanum Bedd., 150

Quail, J.W. see McKinnon, D.M., 2830

Queguiner, G. see Binay, P., 648

Quilliam, M.A., McCarry, B.E., Hoo, K.H., McCalla, D.R., and Vaitekunas, S. Identification of the photolysis products of nitrofurazone irradiated with laboratory illumination, 1128

Rabanal, R.M. see Valverde, S., 332

Rabanal, R.M. see Valverde, S., 339

Rabanal, R.M. see Valverde, S., 2316

Radatus, B. see Baer, H.H., 1443

Rademeyer, C.J. see Chakrabarti, C.L., 1079

Rademeyer, C.J. see Chakrabarti, C.L., 2685

Ragauskas, A.J. see Peiris, S., 789

Rai, R.D. see Pandey, J.D., 303

Rai, U.S., and Narasaraju, T.S.B. Microanalytical determination of calcium, phosphate, and arsenate including kinetics of formation of molybdenum blue from reduction of molybdoarsenic acid by ferrous ammonium sulphate, 1313

Rai, U.S., Singh, O.P., and Singh, N.B. Some thermodynamic aspects of organic eutectic in a monotectic type system, 2639

Rajadurai, S., and Das, P.K. Reactivity and photophysical behavior of chromone triplet. A laser flash photolysis study, 2277

Rajagopal, S. see Srinivasan, C., 2421

Raksit, A.B. see Bohme, D.K., 1563

Raksit, A.B. see Bohme, D.K., 2057

Ramakrishna, R.S., Dias, M., Palamakumbura, S., and Jeganathan, M. High performance liquid chromatography as an analytical tool for the determination of sulfate in coconut and caffeine in tea, 947

Ramaley, L., and Tan, W.T. Cyclic single drop square wave polarography at spherical electrodes—the reversible case, 1025

Rambaud, J. see Maury, L., 1613

Rami, A. see Lasia, A., 744

Ramos, M.L. see Caldeira, M.M., 827

Ramos, M.L. see Caldeira, M.M., 2434

Rank, W. see Ogilvie, W., 166

Rao, N.P., and Verrall, R.E. Ultrasonic velocity, excess adiabatic compressibility, apparent molar volume, and apparent molar compressibility properties of binary liquid mixtures containing 2-butoxyethanol, 810

Rauk, A. see Carlson, C.G., 2461

Rautureau, M. see Bisagni, E., 2027

Ravichandran, K. see Appa Rao, J., 31

Reid, R.S., and Podányi, B. A proton nuclear magnetic resonance relaxation study of the glycine, alanine, and lactate complexes of gadolinium(III) in aqueous solution, 1508

Reimer, G.J. see Grindley, T.B., 1065

Rej, R.N. see Findlay, J.A., 427

Rettig, S.J., Storr, A., and Trotter, J. Synthesis and structural characterization of glycinatodimethylgallium, (C2H4NO2)Ga(CH3)2, 1349

Rettig, S.J. see Haynes, J.S., 420

Rettig, S.J. see Orvig, C., 590

Rettig, S.J. see Onyiriuka, E.C., 782

Rettig, S.J. see Butler, I.R., 1452

Rettig, S.J. see Kliegel, W., 1457

Rettig, S.J. see Gracey, G.D., 2469

Revol, J.F., Dietrich, A., and Goring, D.A.I. Effect of mercerization on the crystallite size and crystallinity index of cellulose from different sources, 1724

Rexwinkel, R. see Cerfontain, H., 2234

Reynolds, W.F. see McLean, S., 200

Reynolds, W.F. see McLean, S., 2519

Rezende, M.C. see Nome, F., 2095

Richards, D. see Holland, H.L., 502

Richer, J.-C. see Jarreau, F.-X., 2701

Riego, J.M. see Costa, A., 2327

Riera, A. see Delgado, A., 868

Ripmeester, J.A. see Buchanan, G.W., 2564

Ripoll, J.-L. see Vallee, Y., 290

Rivero, B.E. see Viturro, H.R., 2000

Rizk, H.A. see Naoum, M.M., 2760

Robertson, B.E. see Wang, H., 1322

Robertson, B.E. see Barton, R.J., 2082

Robertson, B.E. see Mihichuk, L.M., 2634

Robertson, B.E. see Luo, Y.G., 2756

Robertson, G.D. see Desroches, J., 1513

Robertson, K.N. see Vincent, B.R., 1042

Robillard, M. see Detellier, C., 1684

Robins, M.J. see Zou, R., 1436

Rocco, C. see Tringali, C., 2369

Rodellas, C. see Goya, P., 298

Rodrigo, R. see Weeratunga, G., 2019

Rodrigue, A., Bovenkamp, J.W., Murchie, M.P., Buchanan, G.W., and Fortier, S. Complexes of 18-crown-6 macrocyclic ethers containing both an alkali metal phenoxide salt and phenol. Crown:salt:phenol ratios of 1:1:1 and 1:1:2, 2551

Rodrigue, A. see Fraser, M.E., 2558

Rodrigue, A. see Buchanan, G.W., 2564

Rodríguez-Hahn, L., García, A., Esquivel, B., and Cárdenas, J. Structure of kerlinic acid from Salvia keerlii. Chemical correlation with melisodoric acid, 2687

Rodriguez, C.F., and Hopkinson, A.C. A theoretical study of the structures and stabilities of C₂H₃S⁺ ions, 1209

Rodwell, J. see Baer, H.H., 1443

Roe, S.P. see Grossert, J.S., 1407

Rokaszewski, E. see Sanecki, P., 2263

Rooze, H. see Schmitz, G., 497

Roychowdhury, U.K. see Coxon, J.A., 980

Rubenstein, M. see Howery, D.G., 1380

Rudra, S., Talukdar, H., and Kundu, K.K. Ion-ion-solvent interactions in aqueous ionic cosolvent systems. II. Single-ion transfer free energies and entropies using tetraphenylarsonium tetraphenylborate reference electrolyte assumption in aqueous sodium nitrate solvent system, 2595

Rudra, S., Talukdar, H., and Kundu, K.K. Ion-ion-solvent interactions in aqueous ionic cosolvent systems. III. Thermodynamics of hydrogen bromide and hydrogen iodide from water to aqueous solution of sodium nitrate from emf measurements at different temperatures and the structuredness of the solvents, 2843

Ruediger, E.H. see Piers, E., 670

Ruveda, E.A. see Kaufman, T.S., 2024

Ruzicka, C.J. see Whitfield, D.M., 693

Rycroft, D.S. see Purushothaman, K.K., 35

Rye, R.T.B. see Kazakoff, C.W., 718

Saad, G.R. see Naoum, M.M., 2760

Sabòia, C.M. see Nome, F., 2095

Sacripante, G. see Just, G., 104

Sahoo, S. see Dugat, D., 88

Sahyun, M.R.V. see Devoe, R.J., 2342

Saidi Idrissi, M. see Zaydoun, S., 2509

Sailofsky, B.M., and Brown, G.R. Solvent effects on the photoisomerization of bilirubin, 1908

Sailofsky, B.M. see Wharf, I., 639

Sams, J.R. see Haynes, J.S., 420

Sams, J.R. see Mallela, S.P., 2649

Sanctuary, B.C., and Campolieti, G. General solution to axially symmetric quadrupole interaction in nuclear magnetic resonance of solids, 1746

Sandorfy, C. see Bădilescu, S., 924

Sanecki, P., and Rokaszewski, E. Kinetics of hydrolysis of aromatic mono- and disulfonyl chlorides, 2263

Sano, T., Toda, J., Maehara, N., and Tsuda, Y. Synthesis of erythrina and related alkaloids. 17. Total synthesis of dl-coccuvinine and dl-coccolinine, 94

Santhanam, K.S.V. see O'Brien, R.N., 2009

Santini, S. see Sgarabotto, P., 2122

Sarada, A. see Purushothaman, K.K., 35

Sarada, A. see Purushothaman, K.K., 150

Saraswathy, A. see Purushothaman, K.K., 150

Sarfarazi, F. see Ashley, K., 2062

Sarkar, B. see Decock, P., 2798

Sarkar, B. see Decock, P., 2804

Satge, J. see Couret, C., 1230

Satō, T. Synthesis of optically active forms of the δ-lactone of 3,5-dihydroxydecanoic acid, 2732

Saunders, J.K. see Ouédraogo, A., 1761

Sauriol, F. see Chan, T.H., 1853

Savard, M.E., Blackwell, B.A., and Greenhalgh, R. An ¹H nuclear magnetic resonance study of derivatives of 3-hydroxy-12,13-epoxytrichothec-9-enes 2254

Savoie, R. see Alex, S., 491

Sawyer, J.F. see Yates, P., 69

Sayer, B.G. see Eaton, D.R., 1332

Sazou, D., and Kokkinidis, G. Electrochemical oxidation of squaric and croconic acids on Pt and Pt surfaces modified by underpotential heavy metal monolayers in acid solutions, 397

Scaiano, J.C. see Wintgens, V., 2131

Scaria, P.M. see Ashok, K., 2039

Schaal, R. see Terrier, F., 1980

Schaefer, T., and Penner, G.H. The structure and internal rotational barrier of 3-phenyl-1-propyne by molecular orbital calculations and the J method, 1496

Schaefer, T., and Penner, G.H. The conformational properties of some phenyl esters. Molecular orbital and nuclear magnetic resonance studies, 2175

Schaefer, T., Peeling, J., and Sebastian, R. Solvent and α -substituent perturbations of the 2 H/ 1 H isotope shifts in the 13 C nuclear magnetic resonance of toluene- α - d_3 , 534

Schaefer, T., Penner, G.H., and Sebastian, R. ¹H nuclear magnetic resonance and molecular orbital studies of the structure and internal rotations in ethylbenzene, 873

Schaefer, T., McKinnon, D.M., Sebastian, R., Peeling, J., Penner, G.H., and Veregin, R.P. Concerning lone-pair stereospecificity of intramolecular OH hydrogen bonds to oxygen and sulfur in solution, 908

Schaefer, T. see Penner, G.H., 1845

Schaefer, T.D. see Barclay, L.R.C., 2529

Schepp, N.P. see Allen, A.D., 1719

Schlegel, H.B. see Pinto, B.M., 1658

Schmid, G.H., Garratt, D.G., and Dean, C.L. The rates and products of addition of 4-chlorobenzenesulfenyl chloride to a series of trisubstituted alkenes, 1172

Schmid, G.H., Strukelj, M., and Dalipi, S. The products of the reaction of thiiranium ions with competing nucleophiles, 1945

Schmidt, J.M. see Pettit, G.R., 1433

Schmitz, G., et Rooze, H. Mécanisme des réactions du chlorite et du dioxyde de chlore. 5. Cinétique de la réaction chlorite-bromure, 497

Schouten, A. see Koole, L.H., 326

Schreurs, M. see Baumann, R.A., 965

Schwan, A.L., and Warkentin, J. Reactions of 4-tert-butyl-5-methylene-3,3-dimethyl-Δ¹-1,2,4-triazoline with dimethyl acetylenedicarboxylate, 1200

Scott, R.M. see Kalsi, S., 563

Scott, R.M. see Berman, E.D., 1594

Seaman, N.E. see McClelland, R.A., 1689

Sebastian, R. see Schaefer, T., 534

Sebastian, R. see Schaefer, T., 873

Sebastian, R. see Schaefer, T., 908

Sebastian, R. see Penner, G.H., 1845

Sebastian, R. see Hruska, F.E., 2618

Secco, A.S. see McKinnon, D.M., 1247

Secco, E.A., and Worth, G.G. Infrared spectra of unannealed and of annealed Cu₄(OH)₆(NO₃)₂, 2504

Secco, E.A. see Gundusharma, U.M., 1205

Seebach, D. see Brook, M.A., 836

Sehmbey, C. see Foster, B., 1599

Sekiguchi, K. see Hiratsuka, H., 1185

Sempere, M.E. see Aramendia, A., 2791

Senanayake, P.C., Gee, N., and Freeman, G.R. Viscosity and density of isomeric butanol/water mixtures as functions of composition and temperature, 2441

Serpone, N. see Devoe, R.J., 2342

Sethi, A.K. see Gill, M.S., 409

Setsune, J.-I., and Dolphin, D. Organometallic aspects of cytochrome P-450 metabolism, 459

Sevenet, T. see Lavault, M., 343

Sgarabotto, P., Braghetti, M., Cataliotti, R.S., Paliani, G., Sorriso, S., Caia, V., and Santini, S. Phonon spectra of orthodinitrotetramethylbenzene crystals, 2122

Shahidi, F. Partial molar volumes of phenalkylamines and their physiologically active derivatives in water, 1924

Sharma, D.K. see Devoe, R.J., 2342

Sharma, R.D. see Aramini, J., 2643

Shaver, A., and Hartgerink, J. The preparation and characterization of polysulfanotungsten complexes of the type $(\eta^5 - C_5H_5)W(CO)_3S_{\pi}R$, where x = 2, 3 and $(\eta^5 - C_5H_5)W(CO)_3SS(O)R$, where $R = CH_2C_6H_5$, $p-C_6H_4CH_3$, 1190

Shaver, A., McCall, J.M., Day, V.W., and Vollmer, S. Metallacyclohexasulfanes: the crystal and molecular structures of $(\eta^5-C_5H_5)_2MS_5$, M = Zr and Hf, 1676

Shelly, K.P. see Nagarajan, K., 1729

Shelly, K.P., Nagarajan, K., and Stewart, R. Arylphosphonic acids. II. General acid and general base catalysis of acetone enolization, 1734

Sherry, J. see Afghan, B.K., 1086

Shinouda, H.G. see Naoum, M.M., 2760

Shukla, A. see Pandey, J.D., 303

Silverton, J.V. see Ito, S., 574

Simard, M.G. see Wharf, I., 639

Simmonin, M.-P., Halle, J.-C., Pouet, M.-J., Terrier, F., and Davoust, D. 4,6-Dinitro-benzofuroxan and -benzofuroxan adducts of 1,8-bis(dimethylamino)naphthalene. A conformational study by low temperature nuclear magnetic resonance, 404

Simões, A.M.N. see Gonçalves, R.M.C., 1474

Singh, K.C. see Nigam, R.K., 512

Singh, N.B. see Rai, U.S., 2639

Singh, O.P. see Rai, U.S., 2639

Singh, S.B. see Pettit, G.R., 2390

Singh, S.M. see Corey, L.D., 1821

Sinisterra, J.V. see Aguilera, A., 1165 Siu, K.W.M., and Aue, W.A. $^{63}Ni~\beta$ range and backscattering in confined geometries, 1012

Sjöström, M. see Wold, S., 1814

Skagerberg, B. see Wold, S., 1814

Slavek, J., and Pickering, W.F. Selective extraction of trace metals associated with hydrous aluminum oxides, 984

Sloan, J.J. see Back, R.A., 451

Smith, C.R. see Pettit, G.R., 1433

Smith, P.J., and Westaway, K.C. Secondary α hydrogen-deuterium kinetic isotope effects in the *syn*-elimination reaction of 2-phenylethyldimethylamine oxide, 2149

Smith-Palmer, T. see Wentzell, B.R., 557

Snieckus, V. see Katsuura, K., 124

Sohár, P. see Szabó, J., 175

Sohounhloue, D., Tenebre, L., Privat, M., Douillard, J.-M., Bennes, R., and Tronel-Peyroz, E. Thermodynamic properties and structure of the water-ethanol silicone oil interface, 2299

Sorensen, T.S. see Masters, A.P., 1499

Sorriso, S. see Sgarabotto, P., 2122

Soucy, C.M. see Boykin, D.W., 1214

Soula, C. see Brouant, P., 2217

Souza Santos, L. see Neiva, S.M., 372

Spenser, I.D. see Hemscheidt, T., 170

Srinivasan, C., Jegatheesan, P.P., Rajagopal, S., and Arumugam, N. Substituent effects in cooxidation: Cr(VI) – oxalic acid – sulfoxides systems, 2421

Srinivasan, K.V. see Ayyanger, N.R., 1463

Srivastava, R.S. see Dean, P.A.W., 2628

Stahl, P. see Berman, E.D., 1594

Stallings, W.C. see Kluger, R., 1838

Stang, P.J. see Ashley, K., 2062

Steenken, S. see McClelland, R.A., 353

Stein, A.R. The ion-pair mechanisms and bimolecular displacement at saturated carbon. VI. Racemization and *radio*-bromide exchange for substituted 1-phenylbromoethanes; solvent effects, 363

Steinauer, R. see Chen, F.M.F., 613

Stephan, D.W. see Boeré, R.T., 798

Stephens, R. see Jing, S.-L., 903

Stephenson, W.K. see Fuchs, R., 2624

Sterzycki, Z. see Wolfe, S., 26

Stewart, R. see Nagarajan, K., 1729

Stewart, R. see Shelly, K.P., 1734

Stipanovic, R.D. see Cuppels, D.A., 2126

Stiver S. see Yates, P., 2203

St-Jacques, M. see Lachapelle, A., 2575

Stoessl, A. see Cuppels, D.A., 2126

Stoller, C. see Bartik, K., 2118

Stone, C. see Bates, G.S., 2612

Stone, J.A., and Wytenburg, W.J. The binding energies of trialkylgermanium cations to water molecules studied by high pressure mass spectrometry, 2146

Stone, J.A. see Li, X., 2454

Stone, J.A. see Wojtyniak, A.C.M., 2849

Storer, A.C. see Lee, H.-h., 1521

Storr, A. see Onyiriuka, E.C., 782

Storr, A. see Rettig, S.J., 1349

Stori, A. see Onyiriuka, E.C., 1367

Storr, A. see Onyiriuka, E.C., 2464

Storr, A. see Gracey, G.D., 2469

Stothers, J.B. see Peiris, S., 789

Stothers, J.B. see Cuppels, D.A., 2126

St-Pierre, L.E. see Bouvier, M., 1927

Strauss, M.J., Torres, R., Phelan, J., Craft, A., Pitner, B., Nason, D., Carignan, Y., Dust, J.M., and Buncel, E. Synthesis and characterization of picryl cellulose, 1891

Strukelj, M. see Schmid, G.H., 1945

Strunz, G.M. see Chan, T.H., 1853

Stubina, N.M. see Liu, G., 2779

Stunnenberg, F. see Cerfontain, H., 2234

Sturgeon, R.E., McLaren, J.W., Willie, S.N., Beauchemin, D., and Berman, S.S. Determination of total tin in National Research Council of Canada marine reference materials, 961

Surján, P.R. see Poirier, R.A., 892

Sutherland, R.G. see Yu, T.-J., 1162

Swartzendruber, J.K. see Ma, L.Y.Y., 256

Szabo, A.G. see Drew, J., 1784

Szabó, J., Bernáth, G., Katócs, Á., Fodor, L., and Sohár, P. Synthesis and spectroscopic investigations of 1,4-benzothiazepine derivatives, 175

Szarek, W.A. see Doboszewski, B., 412

Szarek, W.A. see Czarnocki, Z., 2356

Tabak, M. see Colombo, M.F., 821

Tajik, M. see Johnson, J.P., 2744

Talukdar, H. see Rudra, S., 2595

Talukdar, H. see Rudra, S., 2843

Tan, W.T. see Ramaley, L., 1025

Tanaka, T. see Nishimura, N., 2248

Tang, P.-F.L. see Piatak, D.M., 1327

Tanizaki, Y. see Hiratsuka, H., 1185

Tassi, L. see Franchini, G., 722

Tavares, D.F. see Carlson, C.G., 2461

Taylor, M.J. see Creighton, J.A., 2526

Taylor, P., and Lopata, V.J. Some phase relationships between basic bismuth chlorides in aqueous solutions at 25°C, 2824

Tee, O.S., and Iyengar, N.R. Enolization of the benzocyclohexadienone formed during the bromination of 1-naphthol in aqueous solution,

Tee, O.S. see Kazakoff, C.W., 718

Teixeira-Dias, J.J.C. see Amorim da Costa, A.M., 384

Templeton, D.M. Acceleration of the mercury-induced aquation of bromopentammine Co(III) by naturally occurring glycosaminoglycans, 2411

Tenebre, L. see Sohounhloue, D., 2299

Terrier, F., Lelièvre, J., Chatrousse, A.-P., Schaal, R., and Farrell, P.G. Transient nitronic acid formation in the protonation of the carbanion of 2,2',4,4'-tetranitrodiphenylmethane in acidic methanol, 1980

Terrier, F. see Simmonin, M.-P., 404

Thatcher, G.R.J. see Kluger, R., 1838

Thomas, A.W. see Chan, T.H., 1853

Thomas, R. see Berman, E.D., 1594

Thomas-David, G. see M'Boungou, R., 1479

Thompson, L.K. see Mandal, S.K., 2815

Thompson, R.C. see Haynes, J.S., 420

Tidwell, T.T. see Charpentier, M., 473

Tidwell, T.T. see Allen, A.D., 1719

Tikare, R.K. see Muneer, M., 1624

Toda, J. see Sano, T., 94 Toguri, J.M. see Liu, G., 2779

Tombari, D.G. see Alesso, E.N., 2568

Toone, E.J., and Jones, J.B. Enzymes in organic synthesis. 40. Evaluation of the enantioselectivity of the pig liver esterase catalyzed hydrolyses of racemic piperidine carboxylic acid esters, 2722

Torres, R. see Strauss, M.J., 1891

Tosi, G. see Franchini, G., 722

Touray, J.-C., Baillif, P., Jaurand, M.-C., Bignon, J., et Magne, L. Étude comparative de l'adsorption d'acide déoxyribonucléique sur le chrysotile et le chrysotile phosphorylé (chrysophosphate), 508

Tran, P.M. see Masters, A.P., 1499

Tringali, C., Piattelli, M., Geraci, C., Nicolosi, G., and Rocco, C. Previously unreported *p*-terphenyl derivatives with antibiotic properties from the fruiting bodies of *Sarcodon leucopus* (Basidiomycetes). A two-dimensional nuclear magnetic resonance study, 2369

Tronel-Peyroz, E. see Sohounhloue, D., 2299

Trotter, J. see Haynes, J.S., 420

Trotter, J. see Orvig, C., 590

Trotter J. see Onyiriuka, E.C., 782

Trotter, J. see Rettig, S.J., 1349

Trotter J. see Paine, J.B., III, 1441

Trotter, J. see Kliegel, W., 1457

Trotter, J. see Gracey, G.D., 2469

Trudeau, G. see Perron, G., 1402

Tsuda, Y. see Sano, T., 94

Tuaillon, J., Couture, Y., and Lessard, J. Radical reactions of N-haloamides with olefins. XIII. Quantum yields for the photochemical addition of N-halo-N-hydroamides and N-chlorosuccinimide to 3,3-dimethyl-1-butene, 2194

Tuck, D.G. see Kumar, N., 740

Tuck, D.G. see Chadha, R.K., 804

Tuck, D.G. see Geloso, C., 928

Tuck, D.G. see Chadha, R.K., 1336

Tuck, D.G. see Annan, T.A., 2670

Tuladhar, S.M., and Fallis, A.G. Cyclic ether synthesis: sulfenyletherification with benzenesulfenyl chloride/N,N-diisopropylethylamine and sulfenate ester cycloadditions, 1833

Turner, M.A. see Faggiani, R., 1568

Ueda, Y., and Vinet, V. Synthesis and in vitro activity of several new carbapenems, 458

Updike, T.D. see Akers, H.A., 1364

Urieta, J.S. see Gallardo, M.A., 2198

Uzawa, J., and Anzai, K. ¹⁵N nuclear magnetic resonance spectra of nucleoside compounds. Reflection of modifications at N1 and N⁶ of adenosine derivatives, 2691

Vaitekunas, S. see Quilliam, M.A., 1128

Valenta, Z. see Burnell, D.J., 154

Valenta, Z. see Northcott, C.J., 1917

Vallee, Y., Ripoll, J.-L., Lafon, C., and Pfister-Guillouzo, G. Flash vacuum pyrolysis of anthracenic Diels-Alder adducts, a convenient source of methanethial and methanethial S-oxide, 290

Valverde, S., Herradon, B., Rabanal, R.M., and Martin-Lomas, M. Preparation of (4R,5S)-(5-methyl-2,2-dimethyl-1,3-dioxolane-4-ylmethyl)-phosphonium iodide. A synthetic approach to olguine: further model studies, 332

Valverde, S., Herradon, B., Rabanal, R.M., and Martin-Lomas, M. The synthesis of D-asperlin, 339

Valverde, S., Herradón, B., Rabanal, R.M., and Martín-Lomas, M. Erratum: Preparation of (4R,5S)(2,2,5-trimethyl-1,3-dioxolane-4-yl-methyl)triphenylphoshonium iodide. A synthetic approach to olguine: further model studies, 2316

Vanasse, B. see Hanessian, S., 195

Vandana, Hindsgaul, O., and Baenziger, J.U. Synthesis of oligosaccharide structures unique to pituitary glycoprotein hormones, 1645

Vandevyver, G. see Bartik, K., 2118

Vang, M.C. see Akers, H.A., 1364

Vanhecke, P. see Daloze, D., 432

vanLoon, G.W. see Willie, S.N., 957

vanLoon, G.W. see Elwerfalli, J., 1139

Vaughan, K. see LaFrance, R.J., 292

Velarde, E. see Guzmán, A., 2164

Velthorst, N.H. see Baumann, R.A., 965

Venkatanarasimhan, M. see Purushothaman, K.K., 35

Veregin, R.P. see Schaefer, T., 908

Verma, R.D. see Gill, M.S., 409

Verrall, R.E. see Rao, N.P., 810

Verrall, R.E. see Yu, T.-J., 1162

Viani, R. see Druet, D., 851

Viet, M.T.P. see Ouédraogo, A., 1761

Vincent, B.R., Robertson, K.N., Cameron, T.S., and Knop, O. Alkylammonium lead halides, Part 1. Isolated PbI₆⁴⁻ ions in (CH₃NH₃)₄PbI₆·2H₂O, 1042

Vincent, B.R. see Grossert, J.S., 1407

Vincent, B.R. see Knop, O., 1527

Vinet, V. see Ueda, Y., 458

Vittal, J.J. see Dean, P.A.W., 2628

Viturro, H.R., Rivero, B.E., Piro, O.E., Caram, J.A., Martins, M.E., and Marschoff, C.M. Crystal and molecular structure of 8-acetamido-2,4,4,8-tetramethyl-3-azaniumbicyclo[3.3.1]non-2-ene perchlorate, 2000

Vocelle, D. see Cossette, D., 661

Vocelle, D. see Cossette, D., 1576

Voituriez, L. see Hruska, F.E., 2618

Vollmer, S. see Shaver, A., 1676

Wade, G. see Corsini, A., 915

Wadhawan, P. see Kapoor, R., 1195

Wan, C.-C. see Corsini, A., 915

Wan, P., Muralidharan, S., McAuley, I., and Babbage, C.A. Photooxygenation of nitrobenzyl derivatives. Mechanisms of photogeneration and hydrolysis of α-hydroperoxy nitrobenzyl ethers, 1775

Wang, D., and Chan, T.H. Reactions of dimethylsilylene with pinenes, 2727

Wang, H., Barton, R.J., Robertson, B.E., Weil, J.A., and Brown, K.C. Crystal and molecular structure of 9-(2,4,6-trinitroanilino)-carbazole, C₁₈H₁₁N₅O₆, 1322

Wanigasekera, D. see Lee, C.C., 933

Ward, D.E. Synthetic studies on cyathins. Synthesis of the ring system, 2380

Ward, D.E. see Ayer, W.A., 760

Warkentin, J. see Jewell, D.R., 311

Warkentin, J. see Faggiani, R., 1154

Warkentin, J. see Fulton, J.B., 1177

Warkentin, J. see Schwan, A.L., 1200

Warkentin, J. see Lakhani, C., 1748

Wassell, P.T. see Back, R.A., 451

Wasylishen, R.E. A nuclear magnetic resonance relaxation study of liquid hydrogen cyanide, 2077

Wasylishen, R.E., and Friedrich, J.O. Deuterium isotope effects on nuclear shielding constants and spin-spin coupling constants in the ammonium ion, ammonia, and water, 2238

Wasylishen, R.E., and Burford, N. The influence of charge on nuclear magnetic resonance isotope effects, 2707

Wasylishen, R.E. see Mooibroek, S., 357

Wasylishen, R.E. see Dickson, R.M., 941

Wasylishen, R.E. see Nicholas, A.M. de P., 951

Wasylishen, R.E. see Leighton, K.L., 1469

Watson, K.D. see Kumar, N., 740

Watson, K.D. see Annan, T.A., 2670

Webster, G.R.B. see Choudhry, G.G., 2223

Weedon, A.C. see Disanayaka, B.W., 245

Weedon, A.C. see Duhaime, R.M., 1867

Weeratunga, G., Jaworska-Sobiesiak, A., Horne, S., and Rodrigo, R. A general synthesis of dihydrobenzofurans by intramolecular conjugate addition, 2019

Weil, J.A. see Wang, H., 1322

Weiler, L. see Ferreira, J.T.B., 2314

Weiler, R. see Heller, R.A., 251

Weisleder, D. see Pettit, G.R., 1433

Wentzell, B.R., Smith-Palmer, T., and Donini, J.C. Determination of polyacrylamides by maximum suppression, 557

Westaway, K.C. see Smith, P.J., 2149

Wharf, I., Piehler, L., Sailofsky, B.M., Onyszchuk, M., and Simard, M.G. Raman and far-infrared spectra of triphenyltin isochalcocyanates and their adducts with O- and N-donor ligands: the crystal and molecular structure of isocyanato-triphenyl(pyridine-N-oxide)tin, 639

White, P.S. see Murchie, M.P., 1584

White, P.S. see Johnson, J.P., 2744

Whitehead, M.A. see Orsky, A.R., 1970

Whitfield, D.M., Ruzicka, C.J., Carver, J.P., and Krepinsky, J.J. Syntheses of model oligosaccharides of biological significance. 9. Syntheses of trideuteriomethyl di-3,6-O-(2)acetamido-2-deoxy-β-D-glucopyranosyl)-β-D-galactopyranoside: the I antigen branch-point trisaccharide and related disaccharides, 693

Wierzchowski, J. see Arnold, D.R., 2734

Wiewiórowski, M. see Kulińska, K., 205

Wikström, C. see Wold, S., 1814

Wilkinson, R. see Afghan, B.K., 1086

Williams, B.A. see Aspinall, G.O., 2069

Williams, D.E., and Andersen, R.J. Terpenoid metabolites from skin extracts of the dendronotid nudibranch *Tochuina tetraquetra*, 2244 Willie, S.N., Berman, S.S., Page, J.A., and vanLoon, G.W. The voltammetric determination of Mo in seawater after adsorptive accumulation of the Eriochrome Blue Black R Complex, 957

Willie, S.N. see Sturgeon, R.E., 961

Willis, C.J. see Boeré, R.T., 798

Wilson-Yang, K.M., and Burns, G. The X-ray photoelectron spectroscopy of ancient murals in the tombs at Beni Hasan, Egypt, 1058

Wintgens, V., and Scaiano, J.C. Photochemistry of dibenzylketone in Nafion membranes, 2131

Włodek, S. see Bohme, D.K., 1563

Włodek, S. see Bohme, D.K., 2057

Wojtyniak, A.C.M., Li, X. and Stone, J.A. The formation of (CH₃)₇Si₂⁺ in (CH₃)₄Si/CH₄ mixtures and CH₃ exchange reactions between (CH₃)₄Si, (CH₃)₄Ge, and (CH₃)₄Sn studied by high pressure mass spectrometry, 2849

Wold, S., Eriksson, L., Hellberg, S., Jonsson, J., Sjöström, M., Skagerberg, B., and Wikström, C. Principal property values for six non-natural amino acids and their application to a structure-activity relationship for oxytocin peptide analogues, 1814

Wolfe, S., and Sterzycki, Z. The formylacetate synthon. Studies related to the synthesis of the penam and oxapenam ring systems, 26

Wolfe, S. see Charpentier, M., 473

Wolfe, S. see Pinto, B.M., 1658

Wolfe, S. see Penner, G.H., 1845

Wong, C.M., Gordon, P.M., Chen, A.G., and Lam, H.Y.P. The total synthesis of (±)-4-demethoxy-10-nordaunomycinone, 1375

Wong, C.-M. see Johnson, J.P., 2744

Worth, G.G. see Secco, E.A., 2504

Wright, J.L.C. see Dawe, R.D., 666

Wunderlich, J.K. see Joshi, B.S., 99

Xu, G.-Y. see Forst, W., 1639

Yadav, A. see Poirier, R.A., 892

Yates, P., and Burke, P.M. Keto ethers. IV. Products formed on reaction of dihydro-2,2,5,5-tetramethyl-3(2H)-furanone with strong acids, 1695

Yates, P., and Stiver S. Studies of the synthesis of 5-hydroxy 6-keto steroids and related 6-keto steroids, 2203

Yates, P., Burnell, D.J., Freer, V.J., and Sawyer, J.F. Synthesis of cedranoid sesquiterpenes. III. Functionalization at carbon 4, 69 Yerhoff, F.W. see Barton, R.J., 2082

Yim, C.T., and Gilson, D.F.R. Orientation behaviour of chlorobenzene in nematic solvents, 2513

Yin, Y. see Kresge, A.J., 1753

Yoshimura, Y. Enthalpy of solution of tris(2,4-pentanedionato)cobalt(III) in aqueous mixed solvents of 1,4-dioxane and 2-methyl-2-propanol, 1218

Young, K.M. see Arnold, D.R., 2734

Yu, T.-J., Sutherland, R.G., and Verrall, R.E. The sonolysis of cytosine and thymine, 1162

Zalma, R., Bonneau, L., Fournier, J., Guignard, J., Borg, F., et Pezerat, H. Hydrodésazotation de l'indole sur catalyseur fer supporté sur amiante, 523

Zalma, R., Bonneau, L., Guignard, J., Pezerat, H., and Jaurand, M.-C. Formation of oxy radicals by oxygen reduction arising from the surface activity of asbestos, 2338

Zaydoun, S., Saidi Idrissi, M., et Garrigou-Lagrange, C. Étude vibrationnelle du méthyl-4 triazole-1,2,4 et de son chlorhydrate, 2509

Zhang, Y.J. see Chan, T.H., 1853
Zhu, X., Amouzou, E., and McLean, S. Allomerization of cholic acid and conversion to petromyzonol, 2447

Zhu, X. see McLean, S., 200

Ziffer, H. see Ito, S., 574

Zou, R., and Robins, M.J. High-yield regioselective synthesis of 9-glycosyl guanine nucleosides and analogues via coupling with 2-*N*-acetyl-6-*O*-diphenylcarbamoylguanine, 1436

Zou, X. see Chin, J., 1882

VOLUME 65 (1987)

SUBJECT INDEX/INDEX DES MATIÈRES

Ab initio MO trifluoroethyl cation 473 Ab initio MP TC SCF 1995 Ab initio retinal protonation 892

Ab initio thioacetyl ion 1209

Abs configuration ferrocene ammoniumethyl tartrate 2756

Absorption polarized arom radical anion 1185 Abstraction chlorine kinetics alkyl radical 311 Acetal acylimidazole thermodn 1951

Acetaldehyde aldol anhydropenicillin stereochem 2179

Acetamidoazaniumbicyclononene perchlorate structure 2000 Acetamidodeoxyglucopyranosylgalactopyranoside trideuteriomethyl

Acetamidrazone isopropylidene prepn oxidative cyclization 1200 Acetanilide cyclodextrin chlorination regioselectivity 307 Acetate 2327

Acetoacetanilide mol polarization 2760

Acetone enolization arylphosphonic acid arylphosphonate 1734 Acetone soln DMF heat capacity density 2810

Acetonitrile propylene carbonate viscosity density 456 Acetophenone acidity LFER 2154

Acetoxy group conformation 1761 Acetyl transfer 2327 Acetylation alc ethyl acetate 2327

Acetylenedicarboxylate reaction methylene triazoline 1200 Acetylenic reagent cycloaddn benzisothiazolinethione 1247 Acetylimidazoline structure 2217

Acid base proton sponge thermodn 996

Acid catalyzed rearrangement cyclobutanol 1663
Acid hydrofluoric aq IR 817
Acid mineral concd acidity function 1353
Acid protonation retinal Schiff base 1576
Acidity actors acto

Acidity acetophenone LFER 2154 Acidity function concd mineral acid 1353

Activicin intermediate prepn 195
Aconitine NMR carbon 13 99
Acrylate acylation phenol 224
Acryolyl chloride acylation phenol 224
Activation analysis aluminum biol 1047

Activation exchange phosphinomethane silver complex 2628 Active anhyd carbethoxynitrene 1463

Acyclovir 1436

Acyl transfer concerted mechanism 1951 Acyl transfer concerted mechanism 1951 Acylamino acid dithioester papain mercury complex 1521 Acylation amino acid alkyl chloroformate 1224 Acylation phenol acrylate acryolyl chloride 224

Acylation urethane intramol mixed anhydride 1228

Acyldehydroalanine Diels Alder cyclopentadiene 2182

Acylimidazole hydration tetrahedral intermediate 1951
Adamantane alkylation Grignard 2428
Adamantane carboxamide benzamido hydrolysis 2114
Adamantanol phase transition 1757
Additivity molar vol partial org 2248
Addn chlorobenzenesulfenyl chloride methylpropene regiochem

Addn diene asym induction 1917

Addn diene asym induction 1917
Addn kinetics chlorobenzenesulfenyl chloride alkene 1172
Addn kinetics nitrocumene methylguanidine DMF 1007
Addn nucleophilic dianhydrobenzylallopyranose 1065
Addn nucleophilic imidazole ester 1951
Addn pentenyl peroxide propionate 2694
Adenosine deoxy modified NMR conformation 2089

Adenosine deoxy modified NMR conformation 20
Adenosine deriv nitrogen 15 NMR 2691
Adriamycin conformation NMR soln 2405
Adsorbent albumin peptide resin bilirubin 1927
Adsorption alkane paper 1935
Adsorption on interface silicone oil 2299
Adsorption DNA chrysotile chrysophosphate 508
Adsorption accumulation voltaments, vanishes accumulation voltaments.

Adsorptive accumulation voltammetry uranium seawater 1139 Affinity chromatog label aminoazidoiodosalicyloyldithiocarboxylate

2450

Aglycon muricin NMR 666

Agnosterol acetyldihydro Westphalen rearrangement 595

Airborne particulate analysis polycyclic arom 970 Ajmaline assocn sulfonphthalein dye 1279 Aklavinone intermediate prepn 31

Alamaridine synthesis 727

Alamaridine 39thesis 727
Alangimaridine 2362
Alangimarine 2362
Alanine gadolinium complex NMR relaxation 1508
Albertisia benzylisoquinoline alkaloid 343
Albumin peptide resin adsorbent bilirubin 1927
Alc acetylation ethyl acetate 2327

Alc allylic 1821

Alc aliylic 1821
Alc basicity NMR carbon 1769
Alc butyl halide soln thermodn 1474
Alc chirality allylic Rhizopus 574
Alc dehydrogenase redn decalindione prepn 2397
Alc esterification formic acid 2461

Alc mercaptide methanesulfonate condensation 2385

Alc tertiary vinylbicyclic rearrangement 1828 Alc thermodn hydration 1258

Alc unsatd sulfenyl etherification 1833

Aldehyde aldol cycloaddn nitronate stereochem 836 Aldehyde arom 2039

Aldehyde condensation amino quinoline 687 Aldehyde Strecker amination 282

Aldol cycloaddn nitronate aldehyde stereochem 836

Aldol silyloxycyclohexene formylmethylpiperidinedione stereochem

1327 Aleuritolic acid two dimensional NMR 2519 Alizarinate tin complex 1241 Alkali cation complex extn cryptand 884 Alkali cation sorption polyurethane foam 1103 Alkali complex nitroxide crown ether 1513

Alkali halide soln propylene carbonate property 1402 Alkali metal phenoxide crown complex 2551

Alkaloid benzylisoquinoline Albertisia 343 Alkaloid diterpenoid NMR structure 99 Alkaloid formation tropic acid phenylalanine Datura 226 Alkaloid Topsentia topsentin structure bisindole 2118

Alkane adsorption paper 1935 Alkane partial molar vol 2248

Alkanolamine conjugate acid ionization thermodn 1726

Alkene kinetics addn chlorobenzenesulfenyl chloride 1172 Alkene nitro cycloaddn silyloxycyclohexene stereochem 836 Alkene tautomerization photochem 2312 Alkenyl formate 2461

Alkoxide alc methanesulfonate condensation 2385

Alkoxyaluminum chloride chiral catalyst 1917

Alkoxycarbonyl amino acid mixed anhydride 619 1228

Alkoxycarbonylalkyltin chloride 1241 Alkyl adamantane 2428 Alkyl chloroformate acylation amino acid 1224 Alkyl formate 2461

Alkyl halide reaction pyrazolylgallatomolybdenum carbonyl 2464 Alkyl radical hydroxylation 1748 Alkyl radical kinetics chlorine abstraction 311

Alkyl sulfate surfactant soln 990

Alkylaminoethanethiol allylated 859 Alkylation adamantane Grignard 2428 Alkylation cyclization malonate allylic chloride 1298

Alkylation stereoselective 14 membered lactone 2314 Alkyldiamantane 2428

Alkylgermanium cation hydration thermodn 2146

Alkylthiadiazolium condensation aminobenzaldehyde 2713

Alkylthioanhydroglucopyranose 1065

Alkynlf formate 2461
Alloaromadendrane deriv Axinella 518
Allomerization cholic acid 2447
Allopyranose dianhydrobenzyl prepn addn nucleophilic 1065
Allyl bromide cholestanone Barbier Grignard 229

Allylated alkylaminoethanethiol 859

Allylic alc 1821

Allylic alc chirality Rhizopus 574 Allylic chloride alkylation malonate cyclization 1298 Allylic chloride malonate displacement 43 56

Allyloxycarbonylaminodeoxyglucopyranosyl bromide Koenigs Knorr Allyloxycarbonylglucosamine glycosidation Lewis acid 1343 Aluminum detn biol std ref 1047 Aluminum detn biol std ref 1047
Aluminum halide ion structure 1109
Aluminum nitrate chromium oxidn sulfoxide 2421
Aluminum oxide trace metal extn 984
Aluminum phosphate alumina acetylation catalyst 2327 Amidation aminobenzoylpyridine glycine acyl 1158
Amide primary cyclic electrochem oxidn 2770
Amide thioform vapor UV 2100 Amidine molybdenum prepn crystal structure 2469

Aminal aminoquinoline aminonaphthalene pyridinecarboxaldehyde

Amine acetylation ethyl acetate 2327
Amine acetylation ethyl acetate 2327
Amine carbon disulfide metal electrooxidn 928 Amine copper hydroxyaldehyde 348
Amine dinitrophenol hydrogen bond 1594 Amine dinitrophenol hydrogen bond 1594
Amine protonation dioxane water system 563
Amine thermodn hydration 1258
Amino acid complexation methylmercury Raman 491
Amino acid deriv thioamide 282
Amino acid property oxytocin structure activity 1814
Amino glycoside glycoprotein hormone 1645
Aminoadamantanecarboxylic acid 2114

Aminoantipyrine coupling phenol product crystal structure 2082 Aminoazidosalicyloyldithiocarboxylate succinimido prepn labeling

2450
Aminobenzaldehyde condensation alkylthiadiazolium 2713
Aminobenzoylpyridine prepn amidation glycine acyl 1158
Aminobutyrophenone protonated UV 1689
Aminocyanoadamantane hydrolysis 2114
Aminofluorene UV fluorescence 2013
Aminonaphthalene aminal pyridinecarboxaldehyde 687
Aminonaphthalenol tetrahydro configuration NMR MO 868 Aminonitrile cyclocondensation hydrogen sulfide ketone 282

Aminonitrile cyclocondensation hydrogen sulfide ketone 282
Aminophenoxygallium dimethyl prepn crystal structure 2469
Aminoquinoline aminal pyridinecarboxaldehyde 687
Aminothiophenoxygallium 2469
Ammine bromo cobalt aquation mercury glycosaminoglycan 2411
Ammine ethoxyphosphine aqua ruthenium deaquation kinetics 372
Ammonia NMR spin coupling deuterium effect 2238
Ammonium thiocyanate NMR 941
Ammonium thiocyanate NMR 941

Ammonium thiocyanate NMR 941

Ammoniumethylferrocene tartrate prepn crystal structure 2756

Amylase benzanilide complex formation const 307

Anchimeric assistance aminocyanoadamantane hydrolysis 2114

Androstanone allyl bromide Barbier Grignard 229

Angle bond glycinatodimethylgallium 1349

Angle dihedral intercarbonyl diketone 2234

Anhyd thermolysis ethyl azidoformate 1463

Anhydride mixed alkoxycarbonyl amino acid 619

Anhydride mixed bisalkoxycarbonyl amino acid 1228

Anhydride mixed peptide synthesis 613

Anhydroglucopyranosyl azide 1065

Anhydroglucopyranosyl azide 1065

Anhydroglucopyranosyl methylamine 1065

Anhydroglucopyranosyl azide 2179

Anhydropenicillin aldol acetaldehyde stereochem 2179

Aniline condensation methylurea 626

Aniline cyclocondensation phenylhydroxydithiolium salt 2830

Aniline ethyl 523
Aniline ethyl 523
Aniline NMR spin coupling deuterium effect 2238
Anion radical arylnitrone electronic spectrum 2039
Anion radical diphenylmethylenecyclopropabezene electroformation

Anion radical oxazolinone 1624 Anisylditolylvinyl bromide solvolysis rearrangement 933 Annelation spiro steroid 229

Anodic niobium oxide breakdown 512

Anomeric effect oxycyclohexene 1761 Anomeric effect solvent 213 Anomerism glycoside MO 1658 Ant Dufours gland poison structure 432

Anthracyclinone intermediate ethyltetrahydronaphthacenetrione

Anthraldehyde electro redn 744

Antibiotic polyene membrane interaction fluorescence 238
Antiferromagnetic exchange copper tetraaza macrocycle 2815
Antigen oligosaccharide synthesis 693
Antigen receptor affinity label 2450
Antigen rhamnotriose synthesis 2764
Antimony methanesulfonato complex 1195
Antimony methanesulfonato I. Bellicia 1463 Antineoplastic rolliniastatin 1 Rollinia 1433 Antipyrine bromothymol blue interaction 2286

Antitumor benzotriazinol 292

Antitumor combretastatin 2390 Aporphine alkaloid enantioselective synthesis 2356

Aporphine alkaloid enantioselective synthesis 2356
Aq hydrofluoric acid IR 817
Aq interface silicone oil thermodn 2299
Aq tetracycline ultrasonic velocity 303
Aquation cobalt bromo ammine mercury glycosaminoglycan 2411
Aquation ruthenium ammine phosphite complex kinetics 372

Arabinofuranosvlguanine 1436 Arabinose transfer thermodn aq electrolyte 2656 Archaeol tomb mural analysis 1058

Armillaria diterpene acid 7
Armillaria diterpene acid 7
Arom aldehyde 2039
Arom compd hydroxylation fungi 502
Arom ketone electroredn europium chloride 549
Arom nitrosyl halometalate charge transfer 445

Arom mitrosyl informatiate charge transfer 445
Arom polycyclic sepn gas chromatog 970
Arom radical anion polarized absorption 1185
Arom sulfonic hydrazide conversion selenosulfonate 38
Arom sulfonyl chloride hydrolysis kinetics 2263

Array microelectrode sensor prepn 1072
Arsenate detn calcium phosphate present 1313
Arsenic methanesulfonate complex 1195
Arsinobutene tungsten complex 2634
Artemisin epimerization 630

Arylation chlorodinitrobenzene dipiperidinoethene 2717 Arylbenzyl deriv rotation barrier 1845

Arylcyclopropane photooxidn semiconductor mediated 976 Arylnethylcyclopentenone intramol photochem cycloaddn 1810
Arylmethylcyclopentenone intramol photochem cycloaddn 1810
Arylmethylphenacylcxobutanoate alkylation phenacyl bromide 1810
Arylmethylphenacylcxobutanoate intramol cyclocondensation 1810
Arylmethylpyrrolinium ring cleavage kinetics 1689
Arylnitrone electron transfer potassium 2039
Arylphosphonic acid substituent effect ionization 1729

Asbestos iron catalysts hydrodenitrogenation indole 523

Asbestos leaching phosphation 1397 Asbestos teaching phosphation 1397
Asbestos surface hydroxy radical 2338
Ascorbate Michael adduct reaction 131
Ash fly analysis polychlorinated dibenzodioxin 1086
Asperlin synthesis 339

Aspidocarpine NMR von Braun 200
Assocn sulfonphthalein dye ajmaline homatropine 1279
Assocn thermodn cation ribose aq soln 2656

Asterias forbeside C 2605 Asterias saponin NMR 1384

Asterias saponin NMR 1384
Asym induction diene addn 1917
Asym redn yeast methyl oxooctanoate 2732
Atomic absorption graphite furnace efficiency 1079
Atomic absorption spectrometry aluminum biol 1047
Atomic absorption spectrometry tin ref 961
Atomization efficiency graphite furnace 1079
Atomization efficiency graphite furnace correction 2685

Atomization efficiency graphite furnace correction 2685
Aucubin deriv insect antifeedant budworm 1853
Autocatalysis chlorite reaction bromide kinetics 497
Autoxidn kinetics dilinoleoylphosphatidylcholine bilayer 2541
Autoxidn photosensitized linoleate soln micelle 2529
Axinella alloaromadendrane epieudesmane deriv 518
Azabicyclodecanone 2770

Azabicycloundecanone 2770

Azanicycioundecanone 2770
Azanicycioundecanone perchlorate structure 2000
Azaprostaglandin analog 2164
Azetidinepropanoate 2140
Azetidinepropanoate 175

Azetidinone carboxymethyl 1503
Azetidinone condensed 104
Azetidinone hydroxyethyl 2179
Azetidinone prepn 88
Azetide deaquation ruthenium ammine phosphite 372

Azidoacetoacetate thermolysis 166 Azidoacetyl chloride imine cyclocondensation 88

Azidoacetyl chloride imine cyclocondensation 88
Azidobenzoylacetate thermolysis 166
Azidoformate ethyl thermolysis anhyd 1463
Azidonitrocyclohexanetriol prepn redn 1443
Azidosalicylic acid acylmethyldithioalkylamide 2450
Azobenzene deriv 2039
AZT conformation mol crystal structure 2135
Backscattering beta range nickel 63 1012

Bactam mono styryl prepn 88 Bactericide alkoxycarbonylalkyl tin chloride 1241

Bactericide carbapenem analog correction 458 Bactericide nitrofurazan photolysis 1128

Bactericide styryl monobactam 88
Barbier Grignard cholestanone allyl bromide 229
Barium hydroxide Claisen Schmidt condensation 1165
Barrier inversional hydrobenzoxepin 2575

Barrier rotation arylbenzyl deriv 1845

Barrier rotation ethylbenzene 873 Barrier rotation ethylbenzene 873
Barrier rotation phenylpropyne 1496
Basic bismuth chloride soly stability 2824
Basicity alc NMR carbon 1769
Basicity alkanolamine 1726
Basicity phenyltetramethylguanidine 626
Benzacrylate benzhydryl formylacetate synthon 26
Benzaldehyde nitro redn dihydropyridine oxazolyl 648 Benzaldehyde Schiff base aminocyanoadamantane hydrolysis 2114 Benzamidoadamantane carboxylic acid hydrolysis 2114 Benzamidoadamantane carboxylic acid hydrolysis Benzanilide amylase complex formation const 307 Benzanthraquinone X 14881C total synthesis 124 Benzene butoxyethanol mixt 810 Benzene deriv sepn gas chromatog 970 Benzene nitromethyl IR Raman phonon 2122 Benzene pentyl dihydroxy deuterium label 189 Benzenethiolatoindium prepn crystal structure 804 Benzhydryl propiolate benzacrylate formylacetate synthon 26 Benzisoquinoline methyl chloro 2027 Benzisothiazolinethione cycloaddn acetylenic reagent 1247 Benzocyclohexadienone prepn enolization 1714
Benzodiazepine antagonist crystal structure 1608
Benzofuran dihydro 2019
Benzofuran dihydro photolysis cation radical 2734
Benzoic acid deriv 2039 Benzoindenothiazine phenyl 2830 Benzolacetanilide mol polarization 2760 Benzonitrile oxide benzylideneaniline cycloaddn 2050 Benzothiabicyclooctane thermolysis 290 Benzothiazepine 175 Benzothiazepine 175
Benzothiazepine sulfur extrusion 18
Benzothiazine nicotinoylmethylene cyclization 636 Benzothiophene dioxide hydroxydihydro substitution thermolysis

Benzotriazinol prepn antitumor 292 Benzoxepin hydro conformation 2575 Benzoyl chloride acylation amino acid 1224 Benzoylation aminocyanoadamantane 2114 Benzoylation lithiation acylaminopyridine regiochem 1158 Benzoylimidazoline structure 2217 Benzoylimide fluorescence charge transfer 245 Benzyl anomeric effect 1845
Benzyl trifluoroethyl sulfide regiochem chlorination 2385
Benzylcobalamin thermolysis kinetics 2095 Benzylcyclopentenone photochem dimerization 1810 Benzylideneaminoadamantanecarboxamide hydrolysis 2114 Benzylideneaniline benzonitrile oxide cycloaddn 2050 Benzylisoquinoline alkaloid Albertisia 343 Berberine methyl 727 Beta lactam benzothiazepine 175 Beta lactam prepn 88 Beta range backscattering nickel 63 1012 Bicyclization lactam electrochem pos halide 2770

Bicyclopetenol vinyl prepn epimerization 1828
Bicyclopetenol vinyl prepn epimerization 1828
Bicycloctadiene silyloxy 670
Bicycloctanepropanoate 1859
Bicycloctanepropanoate 1859
Bicycloctenedicarboxylate dimethyldioxo prepn rearrangement photochem 69 Bicycloundecenone tetramethyl 182

Bilayer phospholipid polyene antibiotic interaction fluorescence

Bilirubin adsorbent albumin peptide resin 1927 Bilirubin photolysis solvent effect 1908 Bilirubin photolysis solvent effect 1998 Binary mixt octane isentropic compressibility 322 Binding energy water germanium cation 2146 Biotol intermediate prepn 69 Biphenyldicarboxylate ester crystal structure 2291 Birefringence lithium isotope detn 903 Bisbenzylisoquinoline alkaloid Albertisia 343

Bisdimethoxyethyl peroxide prepn methanolysis 2350
Bisdimethoxymethyl peroxide prepn methanolysis 2350
Bisethylthiobutenoic acid cyclization Schiff base 1503
Bisethylthiobutenoic acid cyclization Schiff base 1503
Bisimdole alkaloid Topsentia topsentin structure 2118
Bismuth methanesulfonato complex 1195
Bismuth methanesulfonato complex 1195
Bond cleavage benzylcobalamin substituent effect 2095
Bond dissocn energy 1380
Bond dissocn energy 1380
Bond dissocn energy radical formation 2495
Bond energy diatomic mol 1970
Bond length angle AZT 2135
Bond length angle glycinatodimethylgallium 1349
Boron maltolato diphenyl 590
Boron oxide esterification formic acid 2461
Boron phosphorus double bond 1230
Borylphosphine butyllithium reaction 1230 Bisdimethoxyethyl peroxide prepn methanolysis 2350

Breakdown voltage niobium oxide 512 Bromcresol green assocn aimaline homatropine 1279 Bromide exchange phenylbromoethane substituent effect 363 Bromide reaction chlorite kinetics autocatalysis 497 Bromination naphthol mechanism 1714 Bromination naphthol mechanism 1714
Bromine thiocyanate microwave structure 2478
Bromo ammine cobalt aquation mercury glycosaminoglycan 2411
Bromo unsatd ester cyclization 1859
Bromopropane Grignard ethyl picolinate 1885
Bromopropanoyl chloride reaction carbonylmanganate 1499 Bromothymol blue antipyrine interaction 2286 Bromphenol blue assocn aimaline homatropine 1279

Bromphenol blue assocn ajmaline homatropine 12 Bullerone Cyathus sesquiterpene structure 15 Butadiene dimethoxy hydrolysis kinetics 1753 Butanol aq density viscosity 2441 Butene photolysis mechanism 1631 Butenolide elimination reaction mechanism 2031 Butyl halide alc soln thermodn 1474 Butylene glycol bisphenylbenzoate crystal structure 2291 Butylidene nitrogen ion interstellar cloud 1563

Butylthioazetidinone chlorination 2140 Butyrolactone halo dehydrohalogenation 2031 Cadaverine lupanine formation lupine 170
Cadmium detn glassy carbon electrode 1133
Cadmium salt reaction chlorine trioxide 2783
Caffeine detn tea HPLC 947
Calcium complex nitrooxide crown ether 1513

Calcium detn phosphate arsenate present 1313 cAMP hydrolysis cobalt catalyst 1882

Camphenilone homoenolization 789 Camphidone 137
Camphor dibromo chiral intermediate 1
Camphor Schmidt reaction 137
Canadine methyl 727

Candoluminescence phosphorus chloride cation rotation 980

Cannabinoid intermediate isotopically substituted olivetol 189 Carbacephem carbapenem benzo 104

Carbamoylation diacetylguanine 1436 Carbamoyldialkyloxindole 1177

Carbanion nitrodiphenylmethyl protonation mechanism regiochem

Carbapenem analog bactericide correction 458 Carbapenem carbacephem benzo 104 Carbazole trinitroanilino crystal structure 1322 Carbene cation reaction interstellar gas 1563

Carbethoxynitrene kinetics mechanism intramol cyclization 1463

Carbotoxyntrene kinetics mechanism intramol cyclizatio
Carbotoycle ester 1859
Carbon acid condensation dipiperidinoethene 2717
Carbon acid condensation methylthio thiadiazolium 2713
Carbon disulfide amine metal electrooxidn 928
Carbon electrode Nafion mercury coated 1133
Carbon NMR benzanilide amylase complex 307
Carbon NMR crown ether solid 2564 Carbon NMR fluoromethylcoumarin 1356

Carbon NMR fluoromethylcoumarin 1356
Carbon NMR hydrobenzoxepin 2575
Carbon NMR methylbicyclooctenone enolization product 1557
Carbon NMR solid tetracycline 357
Carbon NMR vanadate complex 2434
Carbon tetrachloride hexenyl radical abstraction 311
Carbon tetrachloride vol org compd 2248
Carbon 13 NMR dibenzocrown complex 1684

Carbon 13 NMR heparin counterion binding 1739 Carbon 13 NMR heparin counterion binding 1739
Carbonate propylene acetonitrile viscosity density 456
Carbonyl iodine charge transfer solvent effect 2106
Carbonyl unsatd reaction stannylcopper reagent 78
Carbonylmanganate reaction bromopropanoyl chloride 1499
Carboxylate ester piperidine hydrolysis esterase 2722
Carboxylate transition metal direct electrosynthesis 740

Carboxylic acid hydroxy complex vanadate 2434 Catalposide deriv insect antifeedant budworm 1853 Catecholato tetrachloro tin complex 2670

Cation iodonium mechanism photolysis 2342 Cation radical diphenylmethylenecyclopropabenzene electroforma tion 2062

Cation radical formation photolysis 2734
Cation radical formation photolysis 2734
Cation ribose assocn thermodn aq soln 2656
Cation vinyl formation rearrangement 933
Cell spectroelectrochem thin layer specular reflectance 919
Ceratenolone Ceratocystis metabolite 765

Ceratocystis metabolite 765

Ceratocystis metabolite 765
Charge distribution chem effect 2495
Charge distribution heterogeneity chromatog detector 1012
Charge transfer arom nitrosyl halometalate 445
Charge transfer complex diquat paraquat 2425
Charge transfer complex solvent effect 2106
Charge transfer fluorescence benzoylindole 245

Chem effect charge distribution 2495

Chem ionization mass spectrometry hexamethyldisiloxane 2454
Chemiluminesence isoluminol deriv 1392
Chiral hydroxydecanoic acid lactone prepn 2732
Chirality allylic alc Rhizopus 574
Chiroptical nomenclature symbol IUPAC Issue 6 ii
Chloride chlorobenzenesulfenyl kinetics addn alkene 1172

Chloride fluoride metal structure 1109

Chloride naphthylmethyltrimethylammonium photolysis mechanism 1599

Chloride phosphorus cation luminescence rotation 980 Chloride potassium sodium soln density 833 Chloride sodium polarization resistance alloy 1254

Chloride sulfonyl arom hydrolysis kinetics 2263 Chlorination benzyl trifluoroethyl sulfide 2385

Chlorination chlorophenyldimethylthiiranium salt regiochem 1945

Chlorination regioselectivity acetanilide cyclodextrin 307 Chlorine abstraction kinetics alkyl radical 311 Chlorine methane flame kinetics mechanism 1491 Chlorine trioxide reaction salt 2783 Chlorite reaction bromide kinetics autocatalysis 497

Chloro indium complex structure 1527

Chloro lead stability const 528 Chloroazetidinone 2140

Chlorobenzene orientation nematic solvent 2513 Chlorobenzenesulfenyl chloride addn methylpropene regiochem

1945
Chlorobenzenesulfenyl chloride kinetics addn alkene 1172
Chloroborylphosphine butyllithium reaction 1230
Chlorodimethylhexadiene ozonolysis mechanism 487
Chlorodinitrobenzene arylation dipiperidinoethene 2717
Chloroformate alkyl acylation amino acid 1224
Chloromethane chlorine abstraction kinetics 311
Chlorosuccinimide photoaddn dimethylbutene 2194
Chlorotetracycline aq dioxane thermodn 303
Cholestadiene oxidn permanganate iodate 656
Cholestanone allyl bromide Barbier Grignard 229
Cholesterol membrane fluorescent probe 1784
Cholic acid allomerization 2447

Cholic acid allomerization 2447

Chondroitin sulfate bromopentaamminecobalt aquation mercury 2411

Chromate detn water HPLC phosphorescence 965 Chromate reaction sulfuric 2665 Chromatog gas detector electron capture 1012

Chromatog gas detn polychlorinated dibenzodioxin 1086 Chromatog gas polysiloxane stationary phase 970 Chromatog liq sulfate caffeine 947

Chromium carboxylate electroprepn 740 Chromium 6 oxidn oxalic acid sulfoxide 2421 Chromone laser photolysis 2277 Chromyl hydrogen sulfate 2665

Chronovoltammetry pulse cyclic flow injection 1795 Chrysophosphate DNA adsorption 508 Chrysotile DNA adsorption 508

Chrysotile phosphorylation 2268
Civet constituent total synthesis enantioselectivity 704
Claisen Schmidt condensation kinetics 1165
Clam analysis polychlorinated dibenzodioxin 1086
Cleavage bond benzylcobalamin substituent effect 2095 Cleistanthane diterpenoid NMR 2024

Clock chlorine abstraction chlorine 311

Cobalt bromo ammine aquation mercury glycosaminoglycan 2411
Cobalt carboxylate electroprepn 740
Cobalt catalyst cAMP hydrolysis 1882
Cobalt ethylenediamine complex NMR relaxation 1653
Cobalt phthalocyaninato mononuclear binuclear electrocatalyst

Cobalt phthalocyanine soln dimerization equil 855

Cobalt polytungstophosphate coordination equil 855
Cobalt 59 NMR polycryst complex 1332
Coccolinine total synthesis 94
Coccuvinine total synthesis 94
Coccount detn sulfate HPLC 947
Combretastatin isolation structure antitumor 2390
Complex charge transfer diquat paraquat 2425
Complex charge transfer diquat paraquat 2425

Complexation methylmercury amino acid Raman 491 Complexometry calcium microdetn 1313

Compressibility butoxyethanol mixt 810
Compressibility electrolyte soln propylene carbonate 1402
Compressibility isentropic octane binary mixt 322
Computer application stability const 2798
Conen profile cupric ferrocyanide electrodeposition 2009
Conen profile electrodeposition cupric ferrocyanide 2009 Cond halometalate arom charge transfer 445

Cond ionic sodium sulfate 1205

Condensation amino quinoline aldehyde 687

Condensation amino quinome attenue 67
Condensation carbon acid methylthio thiadiazolium 2713
Condensation Claisen Schmidt kinetics 1165
Condensation dipiperidinoethene carbon acid 2717
Condensation methylurea aniline 626

Condensation oxobutyloxogulonolactone hemiketal 131 Configuration abs ferrocene ammoniumethyl tartrate 2756 Configuration alc Harada Nakanishi exciton 574

Configuration aminotetrahydronaphthalenol tetrahydronaphthoxazo=

lone 868
Configuration asperlin 339
Configuration dimethylphenyliminothiadiazoline 1154
Configuration phenylindane NMR 2568

Configuration quinidine metabolite 2701

Configuration vinylpyridine methacrylate copolymer NMR 1873

Conformation 384

Conformation acetoxyursanolide Opilia celtidifolia 851

Conformation adriamycin soln 2405
Conformation annydroarabinosylcytosine 271
Conformation annomeric effect 213
Conformation aryle ester MO NMR 2175
Conformation AZT 2135
Conformation benzyl ketone 538
Conformation benzyl ketone 538

Conformation crown ether complex 2564

Conformation deoxydiacetyladenosine 326
Conformation dianhydrobenzylallopyranase adduct 1065
Conformation diketone oxygen NMR 2234
Conformation dioxaazoniaboratabenzocycloheptene 1457

Conformation dioxomethylperhydrophenanthrene carbolactam 191

Conformation dynamics lupinine epilupinine 205 Conformation glycoside 1658 Conformation hydrobenzoxepin 2575

Conformation methoxy acetoxy group 1761
Conformation model thermotropic polyester 2291
Conformation NMR bisdimethylaminonaphthalene adduct 404
Conformation NMR modified deoxyadenosine 2089
Conformation proton NMR ethoxycarbonylhydroxybenzylpiperazin

one 1308

Conformation rhamnotriose 2764 Conformation trinitroanilinocarbazole 1322 Conformation 14 membered lactone 2314 Conformational inversion aryl ester 2175 Conjugate basis proton affinity free energy 1258 Conjugated hydrocarbon polyene graph theory 734

Conjugated Schiff base protonation 661

Conjugation arylphosphonic acid 1729 Consecutive second order kinetics 1987

Coordination isomer cobalt polytungstophosphate 568
Copper amine hydroxyaldehyde 348
Copper detn glassy carbon electrode 1133
Copper electrooxidn acidic soln fluoride 2109

Copper electroredn cupric ferrocyanide electrodeposition 2009 Copper glycylglycyltyrosinemethylamide 2804

Copper glycylglycyltyrosinemethylamide 2804
Copper hydroxide nitrate IR 2504
Copper nickel alloy polarization resistance 1254
Copper pyrazine methanesulfonato 420
Copper tetraaza macrocycle 2815
Copper thiolate direct electrochem prepn 1336
Copper thymine complex stability 1479
Copper trialkylstannyl reagent prepn reaction 78
Copper TRIS complex ESR 821
Correction atomization efficiency graphite furnace 2685
Correction carbapenem analog bactericide 458
Correction methyldioxolanylmethylphosphonium prepn Wittig 2316

Correction pyrrole electron withdrawing structure NMR 1441 Corrosion copper nickel alloy polarization 1254 Coumarin attempted prepn 224

Counterion binding heparin carbon 13 NMR 1739

Coupling aminoantipyrine phenol product crystal structure 2082
Coupling dehydrogenative silane oligomerization 1804
Coupling haloadamantane Grignard 2428
Coupling hydroxysuccinimide aminoazidosalicyloyldithiocarboxylic
acid 2450

Coupling stannane isotope effect 1469 Crematogaster Dufours gland poison structure 432

Crown ether partial molar vol 2248
Crown ether partial molar vol 2248
Crown ether partial molar vol 2248
Crown ether phenoxide phenol complex 2551

Crown ether solid carbon NMR 2564 Cryptand extn alkali cation complex 884

Crystal dioxaazoniaboratabenzocycloheptene structure 1457 Crystal single hydrated IR hydronium 924 Crystal structure acetoxyursanolide 851 Crystal structure aminal aminoquinoline pyridinecarboxaldehyde Crystal structure aminoantipyrine coupling phenol product 2082 Crystal structure ammoniumethylferrocene tartrate 2756 Crystal structure anhydroarabinosylcytosine 271 Crystal structure AZT 2135 Crystal structure benzenethiolatoindium 804 Crystal structure benzodiazepine diazepam antagonist 1608 Crystal structure benzyloxyisopropylspiroheptadienylpentenoate 114 Crystal structure biphenyldicarboxylate ester 2291
Crystal structure bromodiselenium fluoroarsenate 1584
Crystal structure chlorometalate charge transfer 445
Crystal structure copper hydroxymethylaminomethane 821
Crystal structure copper phenanthroline toluenethiolate 1336
Crystal structure copper pyrazine methanesulfonato 420
Crystal structure copper pyrazine methanesulfonato 420 Crystal structure copper tetraaza macrocycle 2815 Crystal structure cyclic phosphonylurea ester 1838
Crystal structure decamethylcyclohexasilane diphenyl 437
Crystal structure deoxydiacetyladenosine 326
Crystal structure diarsinobutene tungsten complex 2634 Crystal structure diazocine 1247 Crystal structure dihydroxydihydrothymidine 2618 Crystal structure dimethylphenyliminothiadiazoline 1154 Crystal structure dioxomethylperhydrophenanthrenecarbolactam Crystal structure glycinato dimethylgallium 1349 Crystal structure gold phosphine methylthyminato 1568 Crystal structure gulonolactone cyclotrimer 131 Crystal structure halochalcogen fluoroarsenate fluoroantimonate Crystal structure hexatin oxo fluoroacetato 2187 Crystal structure indium chloro complex 1527 Crystal structure isocyanatopyridinetin 639 Crystal structure mercury trimethylsilylmethylselenomethane 2305 Crystal structure metallocyclohexasulfane 1676 Crystal structure methylammonium iodoplumbate 1042 Crystal structure methylgallium pyridolato 782 Crystal structure organogallate molybdenum amidine 2469 Crystal structure palladium thiophenylfluoropropanolato phosphine Crystal structure pergolide 256
Crystal structure pharmacol thiadiazinedione dioxide 298
Crystal structure phenyliminophenylaminophenylindene 2830
Crystal structure phenylthiosilane 898
Crystal structure platinum diazatetracycloundecane complex 2855
Crystal structure quinidine metabolite 2701
Crystal structure silaferrocenophane 1452
Crystal structure acquire phenylthe dispersive dispersive phenyl Crystal structure sodium phenoxide dicyclohexanocrown phenol 2558 Crystal structure stannate chlorocatecholato aminoethylammonium 2670 Crystal structure tellurium fluorophenyl fluoro 2643 Crystal structure thiazolidinecarboxylic acid hydrochloride 878 Crystal structure trimethyldiazabicyclononanone 137 Crystal structure trinitroanilinocarbazole 1322 Crystallinity cellulose mercerization 1724
Crystallog barium hydroxide 1165
Crystallog ethoxycarbonylhydroxybenzylpiperazinone 1308
Crystallog spectra tautomerism cyanopropane 261
Crystalog sulfonylcarbanion 1407 Cucurbitene trihydroxy 595 Cucurbitenone diacetoxy 595 Cupric ferrocyanide electrodeposition concn profile 2009 Curcubitane 595 Cyanide deaquation ruthenium ammine phosphite 372 Cyanide hydrogen NMR deuterium 2077 Cyanoacetamide dimorpholinoethene condensation hydrolysis 2717 Cyanocyclohexenamine crystallog 261 Cyanopolyacetylene ion mol reaction interstellar 2057 Cyanopolyacetylene ion mol reaction interstellar 2057
Cyanopropane crystallog spectra tautomerism 261
Cyanotetrahydronaphthacenedione oxidative decyanation 31
Cyathin diterpene stereochem intermediace 2380
Cyathus sesquiterpene bullerone structure 15
Cyclcondensation crystallog mechanism 261
Cyclic enone intramol photochem cycloaddn 1810
Cyclic ether 1833
Cyclic ether 1833 Cyclic nitronate 836 Cyclic pulse chronovoltammetry flow injection 1795 Cyclic pulsed voltammetry 1051 Cyclic single drop square wave polarog 1025 Cyclic voltammetry nitrone aryl 2039 Cyclization alkylation malonate allylic chloride 1298

Cyclization bromo unsatd ester 1859 Cyclization cyanooxobutyldecalindione 191 Cyclization epoxypentyltetrahydronaphthalene 21 Cyclization intramol carbethoxynitrene kinetics mechanism 1463 Cyclization iodophenoxy crotonate 2019 Cyclization oxidative isopropylidene acetamidrazone 1200 Cyclization oxobutyloxoglulonolactone hemiketal 131 Cyclization phenylalkylamide polyphosphoric acid 2568 Cyclization Schiff base bisethylthiobutenoic acid 1503 Cyclization silyldihydroisoquinoline cyanomethylpyridine 2362 Cycloaddn benzisothiazolinethione acetylenic reagent 1247 Cycloaddn benzonitrile oxide benzylideneaniline 2050 Cycloaddn dipolar nitronate acrylate stereochem 836 Cycloaddn intramol photochem arylmethylcyclopentenone 1810 Cycloaddn nonsym cyclopentadiene spiro stereochem 154 Cycloaddn phenylselenobutadiene trialkylstannylbutadiene 2612
Cycloaddn siloxycyclohexene nitro olefin topicity 836
Cycloalkane partial molar vol 2248
Cyclobutanedione alkylidene 1499
Cyclobutanol rearrangement acid catalyzed 1663 Cyclocholestanone oxime 2203 Cyclocondensation aminonitrile hydrogen sulfide ketone 282 Cyclocondensation cyanoacetamide dipiperidinoethene 2717
Cyclocondensation haloalkane methyldiaminoethane 2526
Cyclocondensation imine azidoacetyl chloride 88
Cyclocondensation intramol aminomethylcarbonylaminobenzoylpyri dine 1158 Cyclocondensation intramol arylmethylphenacyloxobutanoate 1810 Cyclocondensation intramol ethyl hydroxydecanoate 2732 Cyclocondensation intramol malonate halide 43 56 Cyclocondensation penicillamine formylacetate synthon 26 Cyclocondensation phenylhydroxydithiolium salt aniline 2830 Cyclocondensation thermal phenylisocyanate oxadizaolinone 1177 Cyclodecane carboxylate 1298 Cyclodextrin acetanilide chlorination regioselectivity 307 Cyclodextrin ammonia complex formation const 2661 Cyclohexane addn pentenyl peroxide 2694 Cyclohexane alkyl 523 Cyclohexanetriol azidonitro prepn redn 1443 Cyclohexanone nitroethyl 836 Cyclohexanone nonpolar gas soln thermodn soly 2198 Cyclohexasilane diphenyldecamethyl crystal structure 437 Cycloheximide phenyl 1327 Cyclohexyl crown ether complex phenol 2564 Cyclopentadiene Diels Alder acyldehydroalanine 2182 Cyclopentadiene spiro nonsym cycloaddn stereochem 154 Cyclopentane methoxydiphenyl photolysis cation radical 2734 Cyclopentenone arylmethyl intramol cycloaddn 1810 Cyclopropabenzene diphenylmethylene electroredn electrooxidn acetonitrile 2062 Cystine reaction sulfide kinetics 770 Cytochrome P 450 organometallic chem review 459 Cytosine anhydroarabinosyl 271 Cytosine sonolysis degrdn 1162 Default and the control of the contr Decalindione cyanooxobutyl cyclization 191 Decalindione prepn alc dehydrogenase redn 2397 Decamethylcyclohexasilane diphenyl prepn crystal structure 437 Decame butoxyethanol mixt phys property 810 Decompn hydroperoxyalkyldiazene 1748 Decyanation oxidative cyanotetrahydronaphthacenedione 31 Defucogilvocarcin V total synthesis 427 Degrdn oxobutyloxogulonolactone hemiketal 131 Degrin sonolysis cytosine thymine 1162
Dehydroalanine acyl Diels Alder cyclopentadiene 2182
Dehydrobromination bromobutenolide mechanism 2031
Dehydrogenase ale redn decalindione prepn 2397
Dehydrogenation galactopyranose galactose oxidase stereochem Dehydrogenative coupling silane oligomerization 1804 Dehydrohalogenation butyrolactone halo 2031 Demethyoxynordaunomycinone total synthesis 1375 Density functional theory electronegativity 1970
Density heat capacity nonelectrolyte soln DMF 2810
Density potassium sodium chloride soln 833
Density viscosity aq butanol 2441
Density viscosity pyrrolidinone THF 456
Deoxyaconitine NMR carbon 13 99 Deoxyadenosine modified NMR conformation 2089 Deoxydiacetyladenosine conformation 326 Deoxyfluoro sugar 412 Deoxyribofuranosyladenine NMR conformation 2089 Deoxystreptamine 1443 Deprotonation kinetics nitrodiphenylmethane 1980

Detector modeling electron capture 1012
Deuterated partially kaolinite IR photoacoustic 1420
Deuteration camphenilone regiochem stereochem kinetics 789
Deuterium effect NMR ammonia water aniline 2238
Deuterium hydrogen cyanide NMR 2077
Deuterium isotope effect chem shift 534 Deuterium isotope effect proton transfer 2160 Deuterium isotope effect stannane stannonium 1469 Deuterium labeled olivetol prepn 189 Diacetylguanine prepn carbamoylation 1436
Dialkyldithiocarbamate metal direct electrochem prepn 928
Dianhydrobenzylallopyranose nucleophilic addn 1065
Diatomic mol bond energy 1970
Diazabicycloctane ionization thermodn 996 Diazatetracycloundecane platinum complex 2855 Diazene hydroperoxyalkyl decompn 1748 Diazene hydroperoxyalkyl decompn 1/48
Diazeneam antagonist crystal structure 1608
Diazoacetate insertion tetramethyloctalone 182
Diazoacine prepn crystal mol structure 1247
Dibenzocrown potassium complex NMR 1684
Dibenzodioxin polychlorinated detn environment 1086
Dibenzyl ketone photolysis Nafion membrane 2131 Dichroism lithium isotope detn 903 Dichromate reaction sulfuric 2665 Dicyclohexanocrown potassium phenoxide phenol structure 2558
Diels Alder acyldehydroalanine cyclopentadiene 2182
Diels Alder benzyloxyisopropylspiroheptadienylpentenoate 114
Diels Alder chiral catalyst 1917
Diels Alder dimethylcyclohexenone 1262
Diels Alder diterpenoid related naphthalenecarboxylate 1681 Diels Alder spirocyclopentadiene stereochem 154 Diene addn asym induction 1917 Diene carboxylated prepn stereochem 110
Diene ozonolysis 487
Dienoate hydroxy 1438
Diethyl dithiophosphate metal electrochem prepn 928
Differential pulse voltammetry carbon electrode 1133 Diffusion aq sodium iodide 2489 Dihedral angle intercarbonyl diketone 2234 Dihydronaphthacenetrione 31 Dihydroxopyrimidinium mass spectra 718
Dihydroxopyrimidinium mass spectra 718
Dihydroxopyrimidinium mass spectra 718
Dihydroxopyrimidine oxazolyl prepn NADH model 648
Dihydroxydihydrothymidine crystal mol structure NMR 1619
Dihydroxydihydrothymidine crystal mol structure 2618
Diimide fluorine atom reaction dynamics 451 Diiminoisoindoline neopentoxyisoindoledithione neopentoxy phthal= ocyanine 1705 Diisopropylethylamine suppression dipeptide formation 1224 Diketonato transition metal quinizarin complex 1485
Diketonato transition metal quinizarin complex 1485
Diketone conformation oxygen NMR 2234
Dilinoleoylphosphatidylcholine bilayer autoxidn kinetics 2541
Dimerization equil cobalt phthalocyanine soln 855
Dimethoxybutadiene hydrolysis kinetics 1753 Dimethylaminonaphthalene ionization thermodn 996 Dimethylbutene photoaddn halohydroamide chlorosuccinimide Dimethyldifluorosilane nitric oxide complex enthalpy 545 Dimetylsilylene pinene photolysis 2727 Dinitrobenzene oxidn kinetics 251 Dinitrobenzofurazan bisdimethylaminonaphthalene adduct 404 Dinitrobenzofuroxane bisdimethylaminonaphthalene adduct 404 Dinitrobenzyl carbanion UV 353 Dinitrophenol amine hydrogen bond 1594 Dinitrotoluene photolysis 353
Dioxaazoniaboratabenzocycloheptene crystal mol structure 1457
Dioxane addn pentenyl peroxide 2694
Dioxane aq chlorotetracycline thermodn 303
Dioxane aq heat soln pentanedionatocobalt 1218
Dioxin polychlorinated detn environment 1086 Dipeptide formation diisopropylethylamine suppression 1224 Diphenylcarbamoylguanine glycosidation regiochem 1436 Diphenylmethylenecyclopropabenzene electroredn electrooxidn acetonitrile 2062 Diphenylvinylpyrazoline fluorescence solvent effect 1416
Diphosphadiboretane 1230
Diphosphinomethane silver complex 2628
Dipiperidine calcium alkali complex 1513 Dipperdine calcium alkali complex 1613
Dipolar cycloaddn nitronate acrylate stereochem 836
Diquat charge transfer complex 2425
Displacement malonate propargylic allylic chloride 43 56
Dissocn const picric acid alc 722
Dissocn energy bond radical formation 2495
Disulfide electrooxidn copper gold 1336
Disulfide tetraalkylthiuram metal electrooxidn 928

Diterpene acid Armillaria 7

Diterpene cyathin stereochem intermediate 2380

Diterpenoid alkaloid NMR structure 99 Diterpenoid cleistanthane NMR 2024 Diterpenoid related naphthalenecarboxylate Diels Alder 1681 Diterpenoid Salvia kerlinic acid structure 2687 Dithioester acylamino acid papain mercury complex 1521 Dithioester acylamino acid papain mercury complex 1521 Dithiolobenzisothiazole 1247 Dithiophosphate diethyl metal electrochem prepn 928 DMF nonelectrolyte soln heat capacity density 2810
DMS adsorption chrysotile chrysophosphate 508
Doazabocyclononanone trimethyl crystal mol structure 137
Double bond boron phosphorus 1230
Dufours gland poison structure ant 432
Durene capped heme binding isocyanide 1098 Dust street lead pollution monitoring 1002 Dye sulfonphthalein assocn ajmaline homatropine 1279 Dye thiadiazole 2713 Dynamics reaction fluorine atom diimide 451
Edulone A intermediate model prepn 21
Efficiency atomization graphite furnace 1079
Egg analysis polychlorinated dibenzodioxin 1086
Electro redn anthraldehyde mechanism 744
Electrocatalyst mononuclear binuclear cobalt phthalocyaninato Electrochem bicyclization lactam pos halide 2770 Electrochem oxidn mechanism squaric acid 397 Electrode carbon Nafion mercury coated 1133 Electrode micro array sensor prepn 1072 Electrode platinum oxidn squaric acid 397 Electrode sphericity square wave polarog 1025 Electrodeposition cupric ferrocyanide concn profile 2009 Electrodeposition cupric terrocyanide concn profile 2009 Electroionization ethane 2004 Electroionization ethane ion pair formation 1424 Electrolyte aq transfer thermodn ribose arabinose 2656 Electrolyte soln propylene carbonate property 1402 Electrolyte thermodn transfer water sodium nitrate 2595 Electron capture detector modeling 1012 Electron pair donor solvent 2774 Electron transfer arylnitrone potassium 2039 Electron transfer isomerization diphenylalkene 2312 Electron transfer reaction oxazolinone potassium 1624
Electron transfer reaction oxazolinone potassium 1624
Electronic conduction niobium oxide 512
Electronic spectrum radical anion arylnitrone 2039
Electrooxidn copper acidic soln fluoride 2109
Electrooxidn copper silver gold thiol 1336 Electrooxidn copper silver gold thiol 1336
Electrooxidn copper tetraaza macrocycle 2815
Electrooxidn diphenylmethylenecyclopropabenzene 2062
Electrooxidn metal carboxylate prepn 740
Electrooxidn metal tetraalkylthiuram disulfide 928
Electroredn arom ketone europium chloride 549
Electroredn copper cupric ferrocyanide electrodeposition 2009
Electroredn diphenylmethylenecyclopropabenzene 2062
Electroredn ferricyanide pulsed cyclic voltammetry 1051
Electroredn oxygen catalyst cobalt phthalocyanine 2677
Electroredn pyrazinogujnoxylip pyrazinophenzine 1619 Electroredn pyrazinoquinoxaline pyrazinophenazine 1619 Electrosynthesis direct transition metal carboxylate 740 Elimination bisdimethoxymethyl peroxide 2350 Elimination halo epoxide trialkylstannate stereochem 1821 Elimination phenethyldimethylamine oxide isotope effect 2149 Elimination reaction butenolide mechanism 2031 Enamine disubstituted 2717 Enantioselective synthesis phenethylisoquinoline aporphine alkaloid Energy transfer collision 1639
Enol silyl ether thermolysis rearrangement 670
Enolization acetone arylphosphonic acid arylphosphonate 1734
Enolization benzocyclohexadienone 1714 Enolization methylbicyclooctenone mechanism 1557 Enone cyclic intramol photochem cycloaddn 1810 Enthalpy activation molybdoarsenic acid redn 1313 Enthalpy adsorption alkane paper 1935 Enthalpy nitric oxide tetrafluorosilane complex 545 Enthalpy nitrogen oxide silane exciplex 541 Entropy activation molybdoarsenic acid redn 1313 Entropy adsorption alkane paper 1935 Entropy transfer electrolyte water solvent 2595 Entropy transfer electrolyte water solvent 2595
Environmental analysis polychlorinated dibenzodioxin 1086
Epieudesmane deriv Axinella 518
Epiivangustin deoxy 630
Epilupinine conformation dynamics 205
Epimerization artemisin 630
Epimerization fluorination sugar 412
Epimerization virylbicycloheptenol rearrangement 1828
Epoxide halo elimination trialkylstannate stereochem 1821

Eriochrome Blue Black molybdenum detn 957

Erythria alkaloid total synthesis 94 ESR copper TRIS complex 821 Ester 2327 Ester aryl conformation MO NMR 2175 Ester nucleophilic addn imidazole 1951 Ester racemic resoln liver esterase 2722 Esterase piperidine carboxylate ester hydrolysis 2722 Esterification alc formic acid 2461 Estrone enantiospecific synthesis 1 Estuarine sediment tin detn std 961 Ethane electroionization 2004 Ethane electroionization ion pair formation 1424 Ethanethiol amino allylated 859 Ethanol aq interface silicone oil 2299 Ethene dimorpholino condensation carbon acid 2717 Ether crown phenoxide phenol complex 2551 Ether crown solid carbon NMR 2564 Ether enol silyl thermolysis rearrangement 670 Ether nitrobenzyl photochem oxygenation 1775 Ether spiro steroid 229 Ether sym 2385 Ether thermodn hydration 1258 Etherification sulfenyl unsatd alc 1833 Ethoxycarbonylhydroxybenzylpiperazinone crystallog 1308 Ethoxyethanol soln DMF heat capacity density 2810 Ethoxyphosphine ammine aqua ruthenium deaquation kinetics 372
Ethyl acetate acetylation alc 2327
Ethyl azidoformate thermolysis anhyd 1463
Ethyl picolinate Grignard bromopropane 1885
Ethylbenzene deriv hydroxylation fungi 502
Ethylbenzene NMR 873 Ethylene glycol bisphenylbenzoate crystal structure 2291 Ethylene trimethyl tetramethyl photolysis 391
Ethylenediamine cobalt complex NMR relaxation 1653
Ethylrhodamine condensation methylthiothiadiazolium 2713 Ethyltetrahydronaphthacenetrione anthracyclinone intermediate Ethyltrinitrobenzene addn mechanism methylguanidine DMF 1007 Europium chloride electroredn arom ketone 549 Exchange bromide phenylbromoethane substituent effect 363 Exchange intramol phosphinoethane silver complex 2628 Exchange magnetic copper pyrazine methanesulfonato 420
Exciplex nitrogen oxide silane enthalpy 541
Exciton Harada Nakanishi alc configuration 574
Extra alkali cation crown ether 1103
Extra const calca crown ether 884 Extn molybdenum detn 1124 Extn trace metal aluminum oxide 984 Extrusion sulfur benzothiazepine 18 Faraday effect lithium isotope detn 903 Ferrate chloro arom charge transfer 445 Ferricyanide detn pulse cyclic chronovoltammetry 1795 Ferricyanide electroredn pulsed cyclic voltammetry 1051 Ferrocene ammoniumethyl tartrate abs configuration 2756 Ferrocenecarboxaldehyde rotational barrier magnetic relaxation Ferrocenophane sila aminoethyl 1452 Ferrocyanic acid protonation equil 583 Ferrocyanide cupric electrodeposition concn profile 2009 Ferrocyanide detn microelectrode array 1072 Ferrocyanide pulse cyclic chronovoltammetry 1795 Ferruginol conversion taxodione 775 FET ion sensitive prepn 1072 Fish analysis polychlorinated dibenzodioxin 1086 Flash vacuum pyrolysis thiabicyclooctane fused 290 Flash vacuum pyrolysis thiabicyclooctane fused 290
Flory theory octane binary mixt 322
Flow injection pulse cyclic chronovoltammetry 1795
Fluorene amino UV fluorescence 2013
Fluorescence aminofluorene 2013
Fluorescence benzoylindole charge transfer 245
Fluorescence diphenylvinylpyrazoline solvent effect 1416
Fluorescence polyene antibiotic membrane interaction 238 Fluorescent unsatd sterol NMR 1784 Fluoride acidic soln copper electrooxidn 2109 Fluoride actule: Som copper electrooxidi 2109
Fluoride chloride metal structure 1109
Fluoride lead polarog complexation hydrofluoric 528
Fluorindion sugar triflate sulfonium difluorotrimethylsilicate 412
Fluorindine structure NMR 1619 Fluorine atom diimide reaction dynamics 451 Fluoro lead stability const 528 Fluoro sugar 412 Fluoro sugar 412 Fluoroantimonate thiazyl charge transfer complex 1361 Fluoroarsenate thiazyl charge transfer complex 1361 Fluoroborate thiazyl charge transfer complex 1361 Fluoromethanesulfonato tin transition metal polymer 2649

Fluoromethanesulfonato uranium 409 Fluoromethyl silane oxide complex 545 Fluoromethylcoumarin carbon NMR 1356 Fluorophenyl tellurium fluoro structure NMR coupling 2643
Fluorophosphate thiazyl charge transfer complex 1361
Fluorosilicic acid concd acidity function 1353
Fluorosulfato tin transition metal polymer 2649
Fluxionality diarsinobutene tungsten complex 2634
Fly ash analysis polychlorinated dibenzodioxin 1086
Foam polyurethane alkali cation sorption 1103
Forbesida C Astarias 2605 Forbeside C Asterias 2605
Forbeside starfish structure NMR 1384
Formamide soln DMF heat capacity density 2810
Formamide thio vapor UV 2100 Formate ester 2461 Formate ester 2401
Formate phenyl conformer rotational barrier 2175
Formation const ammonia cyclodextrin complex 2661
Formation const benzanilide amylase complex 307
Formation const calen SUPERQUAD 2804 Formation const detn potentiometry microcomputer 2798 Formation dissocn haloselenate aq equil 316 Formation Gremmeniella metabolite 760 Formation ion pair electroionization ethane 1424 Formic acid esterification alc 2461 Formylacetate synthon penicillamine cyclocondensation 26 Formylmethylpiperidinedione silyloxycyclohexene aldol stereochem Formyloxyaluminum chloride chiral catalyst 1917 Free energy activation molybdoarsenic acid 1313 Free energy extn alkali cation 884 Free energy ion transfer halide 2843 Free energy proton affinity conjugate basis 1258 Free energy transfer electrolyte water solvent 2595 Frontier MO cycloaddn 2050 Fungi hydroxylation ethylbenzene deriv 502 Furan phenylthiomethyl hydro 1833 Furan polychlorinated detn environment 1086 Furan rolliniastatin 1 Rollinia antineoplastic 1433 Furan tetrahydro alkyl 2694 Furan tetrahydrodiphenyl photolysis cation radical 2734 Furanone tetramethyl rearrangement acid 1695 Furanonic terrametryl rearrangement acti 168
Furanoside stereoselective retro Michael 1438
Furazan nitro photolysis 1128
Furanee graphite atomization efficiency 1079
Furopyridinone 1885
Fusion heat succinonitrile phenanthrene 2639
Gadolinium complex NMR relaxation 1508 Galactopyranose dehydrogenation galactose oxidase stereochem Galactopyranoside acetamidodeoxyglucopyranosyl trideuteriomethyl 693
Gallate organo prepn complexation 2469
Gallate pyrazolyl pyridyl quinolyl 1367
Gallium dimethyl coordination compd crystal structure 782
Gallium glycinato dimethyl 1349
Garveia minor metabolite 376
Gas chromatog detector electron capture 1012
Gas chromatog detector electron capture 1012
Gas chromatog polysiloxane stationary phase 970
Gas interstellar carbene cation reaction 1563
Geometry sulfonyl carbanion 1407
Germane tetramethyl methide exchange kinetics 2849
Germanium cation binding energy water 2146 Germanium cation binding energy water 2146 Germylmethylselenomethane mercury halo 2305 Gilvocarcin V defuco total synthesis 427 Gilvocarcin V defuco total synthesis 427
Glassy carbon electrode Nafion coated 1133
Glucopyranose anhydrobenzyl deoxymethyl 1065
Glucopyranoside methyl pyranosidic homologation 2834
Glucosamine glucoside 1343
Glucoside glucosamine 1343
Glutarate hydroxy amino prepn 195
Glycerato molybdenum tungsten 827
Chroinetding thydrollium 1349 Glycinatodimethylgallium 1349 Glycine acyl amidation aminobenzoylpyridine 1158 Glycine gadolinium complex NMR relaxation 1508 Glycine kinetics permanganate oxidn 2329 Glycol polyethylene ether molar vol 2248 Glycol soln DMF heat capacity density 2810 Glycolato molybdenum tungsten 827 Glycoprotein hormone amino glycoside 1645 Glycosaminoglycan mercury aquation cobalt bromo ammine 2411 Glycosidation allyloxycarbonylglucosamine Lewis acid 1343 Glycosidation diphenylcarbamoylguanine regiochem 1436 Glycoside amino glycoprotein hormone 1645 Glycoside conformation 1658 Glycoside Muscari mol structure 2317

Gold phosphine methylthyminato 1568 Gold thiolate direct electrochem prepn 1336 Graph theory conjugated hydrocarbon polyene 734 Graphite furnace atomization efficiency Graphite intercalation thiazyl salt 1361 Gremmeniella metabolite formation 760 Gremmeniella scleroderolide 748 Gremmeniella Scleroderris green 754 Grignard alkylation adamantane 2428 Grignard Barbier cholestanone allyl bromide 229 Grignard Baroler Cholestanone anyl bromide 229
Grignard pyridinedicarboxylic anhydride regiochem 1885
Grignard reagent ring cleavage thiazolidine 859
Group IIIA chloro complex crystal chem 1527
Guanine diphenylcarbamoyl prepn glycosidation 1436
Guanosine analog 1436
Gulonolactone oxobutyloxo hemiketal reaction 131 Guinolactone oxobutyloxo hemiketal reaction 131
Gum Sterculia polysaccharide structure 2069
Hafnacyclohexasulfane 1676
Halide butyl alc soln thermodn 1474
Halo epoxide elimination trialkylstannate stereochem 1821
Halo indium complex crystal chem 1527
Haloadamantane coupling Grignard 2428
Haloalkane cyclocondensation methyldiaminoethane 2526 Haloanhydroglucopyranose 1065
Halodiamantane coupling Grignard 2428
Halogenation acetophenone pK detn 2154
Halohydroamide photoaddn dimethylbutene 2194 Halometalate nitrosyl arom charge transfer 445 Haloselenate formation dissocn aq equil 316 HAM3 propenoyl halide 683 Harada Nakanishi exciton alc configuration 574 Heat capacity butyl halide alc soln 1474 Heat capacity density nonelectrolyte soln DMF 2810 Heat capacity electrolyte soln propylene carbonate 1402 Heat capacity electrolyte soin propylene carbonate 1402
Heat capacity polymer surfactant soin 990
Heat formation halochalcogen fluoroarsenate 2744
Heat mixing fusion succinonitrile phenanthrene 2639
Heat reaction nonpolar solute solvent 2624
Heat soin pentanedionatocobalt aq dioxane methylpropanol 1218
Heavy metal dust pollution monitoring 1002
Heavy metal monolayer underpotential electrode 397
Heavy durang capacity indicates a constraint a 1008 Heme durene capped binding isocyanide 1098
Hemoprotein model isocyanide binding 1098
Heparan sulfate bromopentaamminecobalt aquation mercury 2411
Heparin binding magnesium lanthanum sodium 1739
Heparin bromopentaamminecobalt aquation mercury 2411 Hepatopancreas lobster aluminum detn 1047 Hepatopancreas lobster tin detn ref 961 Heptamethyldisilyl cation formation mass spectra 2849 Heterogeneity charge distribution chromatog detector 1012 Heterolytic homolytic photolysis substituent effect 1599
Hexadiene ozonolysis 487
Hexamethyldisiloxane proton affinity ion chem 2454
Hexame octane mixt ultrasonic velocity 322
Hexanely radical abstraction carbon tetrachloride 311 Heynea triterpene trijugin structure 35 Heynea triterpene trijugin structure 35 High pressure mass spectrometry silane 2849 High temp Grignard 2428 HMO graph theory 734 HO methylene reactivity 2774 Homatropine assocn sulfonphthalein dye 1279 Homoadamantane alkylation Grignard 2428 Homoenolization camphenilone 789 Homoenolization methylbicyclooctenone mechanism 1557 Homolaudanosine 2356 Homologation pyranosidic methyl glucopyranoside 2834 Homolytic heterolytic photolysis substituent effect 1599
Homoprotoberberine 2356
Hormone glycoprotein amino glycoside 1645
HPLC chromate detn water phosphorescence 965
Hydrated single crystal IR hydronium 924 Hydration acylimidazole tetrahedral intermediate 1951 Hydration alkylgermanium cation thermodn 2146 Hydration hydrophobic heat pentanedionatocobalt dioxane 1218 Hydration ketene kinetics mechanism 1719
Hydration methoxyphenylethylene kinetics 441
Hydration thermodn amine ether alc 1258
Hydratiod thermodn amine ether alc 1258
Hydrazide arom sulfonic conversion selenosulfonate 38
Hydrobenzoxepin conformation 2575 Hydrochloric acid concd acidity function 1353 Hydrochloric acid iodide diffusion 2489 Hydrochloric acid leaching asbestos 1397 Hydrochloride thiazolidinecarboxylic acid crystal structure 878 Hydrodenitrogenation indole iron asbestos catalysts 523 Hydrofluoric acid aq IR 817 Hydrogen bond adamantanol 1757

Hydrogen bond amine dinitrophenol 1594 Hydrogen bond ammonia cyclodextrin complex 2661 Hydrogen bond anomeric effect 213 Hydrogen bond AZT crystal 2135 Hydrogen bond charge transfer complex 2106 Hydrogen bond indium chloro complex 1527 Hydrogen bond intramol NMR 908 Hydrogen bond phenol crown complex 2551 Hydrogen bromide thermodn aq transfer 2843 Hydrogen cyanide NMR deuterium 2077 Hydrogen fluoride aq IR 817 Hydrogen insertion singlet methylene 1995 Hydrogen peroxide mechanism oxidn dinitrobenzene 251 Hydrogen sulfide ketone cyclocondensation aminonitrile 282 Hydrogen transfer palladium sepiolite system 2791 Hydrogenolysis protected amino acid dipeptide 2791 Hydroid marine minor metabolite 376 Hydrolysis aminocyanoadamantane 2114
Hydrolysis cAMP cobalt catalyst 1882
Hydrolysis condensation cyanoacetamide dimorpholinoethene 2717
Hydrolysis hydroperoxybenzyl ether 1775
Hydrolysis kinetics arom sulfonyl chloride 2263
Hydrolysis kinetics dimethoxybutadiene 1753 Hydrolysis mechanism acylimidazole 1951 Hydrolysis methoxycarbonylpropionate kinetics 235 Hydrolysis phosphonylurea ester kinetics 1838 Hydrolysis piperidine carboxylate ester esterase 2722 Hydrolysis porcine pancreatic lipase dibutanoyloxymethyltetrahydropyran 704
Hydronium IR hydrated single crystal 924
Hydroperoxyalkyldiazene decompn 1748
Hydroperoxybenzyl ether formation hydrolysis 1775
Hydropelis casc Hydrophobic assocn anionic surfactant polymer 990 Hydrophobic hydration heat pentanedionatocobalt dioxane 1218 Hydrophobic hydration heat pentanedionatocobalt dioxane 1: Hydroquinone quinone pulse cyclic chronovoltammetry 1795 Hydroquinone quinone pulsed cyclic voltammetry 1051 Hydroxamic acid reagent molybdenum 1124 Hydroxide barium Claisen Schmidt condensation 1165 Hydroxide copper nitrate IR 2504 Hydroxy carboxylic acid complex vanadate 2434 Hydroxy radical asbestos surface 2338 Hydroxyaldehyde copper amine 348 Hydroxyarboxylic molybdenum tunssten complex 827 Hydroxycarboxylic molybdenum tungsten complex 827
Hydroxycyclohexylethanol glutaimidyl 1327
Hydroxydecanoate ethyl cyclocondensation intramol 2732
Hydroxydecanoic acid lactone chiral prepn 2732
Hydroxyethylazetidinone 2179 Hydroxyglutarate amino prepn 195 Hydroxylation alkyl radical 1748 Hydroxylation ethylbenzene deriv fungi 502 Hydroxymethylaminomethane copper 821 Hydroxysuccinimide coupling aminoazidosalicyloyldithiocarboxylic Hydroxythiochroman NMR 908 Hyperconjugative model 534 Imidazole nucleophilic addn ester 1951 Imidazolidinedione aryl alkyl 1177 Imidazolidinethione prepn hydrolysis 282 Imidazolidinetnione prepn hydrotysis 282 Imidazolidinium cation 2526 Imidazoline acetyl benzyl phenyl structure 2217 Imine azidoacetyl chloride cyclocondensation 88 Indan phenyl photolysis cation radical 2734 Indane phenyl prepn configuration NMR 2568 Indate benzenethiolato mol vibration 804 Indigo dye photoisomerization singlet state 708 Indium benzenethiolato mol structure 804 Indium chloro complex structure 1527 Indole hydrodenitrogenation iron asbestos catalysts 523 Insect antifeedant iridoid deriv spruce budworm 1853 Insertion diazoacetate tetramethyloctalone 182 Insertion methyl pyrazolylgallatomolybdenum carbonyl 2464 Inserti Integrated chem sensor prepn 1072 Integrated chem sensor prepn 1072 Interaction ion solvent aq system 2595 Intercarbonyl diketone dihedral angle 2234 Interfacial energy succinonitrile phenanthrene system 2639
Interferometry laser cupric ferrocyanide electrodeposition 2009
Interstellar cyanopolyacetylene ion mol reaction 2057
Interstellar gas carbene cation reaction 1563
Intramol acid catalyst enolization 1714 Intramol cyclization carbethoxynitrene kinetics mechanism 1463 Intramol cyclocondensation ethyl hydroxydecanoate 2732
Intramol cyclocondensation malonate 43 56
Intramol hydrogen bond NMR 908
Intramol photochem cycloaddn arylmethylcyclopentenone 1810
Inversional barrier hydrobenzoxepin 2575

Iodide hydrogen thermodn aq transfer 2843 Iodide sodium aq diffusion 2489 Iodine reaction tetraselenium fluoroarsenate 1584 Iodine thiocarbonyl charge transfer solvent effect 2106 Iodo enone reaction stannylcopper reagent 78 Iodonium cation photolysis mechanism 2342 Iodophenoxy crotonate cyclization 2019 Iodoplumbate methylammonium prepn structure 1042 Iodotetraselenium fluoroarsenate 1584 Ion exchange carbon electrode 1133 Ion mol reaction cyanopolyacetylene interstellar 2057
Ion pair antipyrine bromothymol blue 2286
Ion pair bromide exchange phenylbromoethane 363
Ion pair distribution isotope induced 1012
Ion pair formation electroionization ethane 1424 Ion pair methanolysis chlorination thiiranium salt 1945 Ion pair pyrazolylgallatomolybdenum carbonyl sodium 2464 Ion sensitive FET prepn 1072 Ion sensitive FET prepn 1072
Ion solvent interaction aq system 2595
Ion transfer halide free energy 2843
Ionic cond sodium sulfate 1205
Ionization alkanolamine conjugate acid thermodn 1726
Ionization arsenic antimony methanesulfonate 1195
Ionization arylphosphonic acid substituent effect 1729
Ionization electro ethane 2004 Ionization electro ethane ion pair 1424 Ionization thermodn dimethylaminonaphthalene diazabicyclooctane IR adamantanol 1757
IR aq hydrofluoric acid 817
IR copper hydroxide nitrate 2504
IR hydronium hydrated single crystal 924
IR methyltriazole 2509 IR nitromethylbenzene 2122 IR oligosilane 1804 IR photoacoustic partially deuterated kaolinite 1420 IR pyrazolylgallatomolybdenum carbonyl anion 2464 IR sulpiride 1613 IR tin isochalcocyanate 639
Iridoid deriv insect antifeedant spruce budworm 1853
Iron asbestos catalysts hydrodenitrogenation indole 523
Iron carboxylate electroprepn 740
Iron chloro complex crystal chem 1527
Iron rath wellytheoreois acid 1212 Iron chloro complex crystal chem 1527
Iron redn molybdoarsenic acid 1313
Iron uranium trifluoromethanesulfonato 409
Isentropic compressibility octane binary mixt 322
Isoacid soln concd mineral acid 1353
Isochalcocyanate tin IR Raman 639
Isocyanide binding durene capped heme 1098
Isoelectronic tetrahedral mol mol structure 1109
Isoelectronic tetrahedral mol mol structure 1109 Isohimachalone mol structure 182 Isoluminol deriv chemiluminesence 1392 Isomer coordination cobalt polytungstophosphate 568
Isomerization photochem bilirubin solvent 1908
Isomerization potential surface trifluoroethyl cation 473
Isomerization unsatd radical 391
Isopropylidene ace midrazone prepn oxidative cyclization 1200
Isopropylimidazoline structure 2217 Isoquinoline aryl carbomethoxy 18
Isoquinoline silyldihydro cyclization cyanomethylvinylpyridine
2362 Isoquinonaphthyridinone 2362 Isotope effect deuterium stannane stannonium 1469 Isotope effect elimination phenethyldimethylamine oxide 2149 Isotope effect NMR phosphine 2707 Isotope effect photooxygenation nitrobenzyl ether 1775 Isotope effect proton transfer deuterium 2160 Isotope effect proton transfer deuterium 2100 Isotope induced ion pair distribution 1012 Isotope lithium detn Faraday effect 903 Isotopically substituted cannabinoid intermediate olivetol 189 Isoxazolobenzoxazine 836 IUPAC chiroptical nomenclature symbol Issue 6 ii IUPAC nomenclature symbol unit Issue 8 ii Kalinic acid Salvia diterpenoid structure 2687
Ketene hydration kinetics mechanism 1719 Ketene methylene generation 1499
Ketone arom electroredn europium chloride 549
Ketone dibenzyl photolysis Nafion membrane 2131
Ketone pyridyl 1885
Ketone Strecker amination 282 Ketone trialkylstannyl 78 Ketone unsatd photoenolization kinetics 1867 Kinetics addn chlorobenzenesulfenyl chloride alkene 1172 Kinetics addn nitrocumene methylguanidine DMF 1007

Kinetics autoxidn dilinoleoylphosphatidylcholine bilayer 2541
Kinetics cAMP hydrolysis cobalt 1882
Kinetics chlorine abstraction alkyl radical 311
Kinetics chlorite reaction bromide autocatalysis 497
Kinetics Claisen Schmidt condensation 1165
Kinetics Cystine reaction sulfide 770
Kinetics deaquation ruthenium ammine ethoxyphosphine aqua 372
Kinetics decay diphenylmethylenecyclopropabenzene cation radical 2062
Kinetics deprotonation nitrodiphenylmethane 1980
Kinetics deuteration camphenilone 789
Kinetics electrooxidn copper acidic fluoride 2109
Kinetics hydration methoxyphenylethylene 441
Kinetics hydrolysis arom sulfonyl chloride 2263
Kinetics hydrolysis methoxycarbonylpropionate 235
Kinetics linoleate autoxidn soln micelle 2529
Kinetics methomism carbethoxynitrene intramol cyclization 1463
Kinetics melybdenum blue formation 1313 Kinetics molybdenum blue formation 1313 Kinetics nucleophilic substitution phenylbromoethane 363 Kinetics oxidn dinitrobenzene 251 Kinetics oxidn methylamine permanganate 2373 Kinetics oxidn oxalic acid sulfoxide chromium 2421 Kinetics oxidn propanol aquomanganese 277 Kinetics permanganate oxidn glycine 2329 Kinetics proton transfer nitrophenylnitromethane phenyltetrame= thylguanidine 2160 Kinetics second order consecutive 1987 Kinetics thermolysis benzylcobalamin 2095 Koenigs Knorr allyloxycarbonylaminodeoxyglucopyranosyl bromide Labeled olivetol deuterium 189 Labeling succinimido aminoazidosalicyloyldithiocarboxylate 2450 Lactam beta benzothiazepine 175 Lactam beta prepn 88 Lactam bicyclization electrochem pos halide 2770 Lactate gadolinium complex NMR relaxation 1508 Lactato molybdenum tungsten 827 Lactone hydroxydecanoic acid chiral prepn 2732 Lactone spiro steroid 229 Lactone ursanoic acid crystal structure 851 Lactone 14 membered stereoselective alkylation 2314 Lactone 14 membered stereoselective alkylation 2314
Lake water manganese speciation detn 915
Lanostane rearrangement Westphalen 595
Lanostanone acetoxydihydroxy westphalen rearrangement 595
Lansium steroid triterpene 150
Lanthanum heparin binding sodium 1739
Lanthanum sodium chloride d melt 2779
Laser interferometry cupric ferrocyanide electrodeposition 2009
Laser photolysis chromone 2277
Lead chloride nolarge complexation hydrofluoric 598 Lead chloride polarog complexation hydrofluoric 528
Lead detn glassy carbon electrode 1133
Lead iodo methylammonium prepn structure 1042 Lead molybdenum tungsten complex NMR 1292 Lead pollution monitoring street dust 1002 Leech analysis polychlorinated dibenzodioxin 1086 Length bond glycinatodimethylgallium 1349 Leukotriene thia trifluoromethyl 1438 Lewis acid allyloxycarbonylglucosamine glycosidation 1343 Lewis acid anyloxycarbonyglucosamine glycosidation 1545 LFER acetophenone acidity 2154 LFER alc basicity 1769 LFER arylphosphonic acid dissocn 1729 LFER Broensted acetone enolization arylphosphonate 1734 LFER cycloaddn benzonitrile oxide benzylideneaniline 2050 LFER NMR substituted phenol 1316 LH sulfation 1645 Life extinction Cretaceous Tertiary review 1033 Linoleate photosensitized autoxidn soln micelle 2529 Lipase porcine pancreatic hydrolysis dibutanoyloxymethyltetrahydr= opyran 704
Liposome dilinoleoylphosphatidylcholine autoxidn kinetics 2541
Liq chromatog sulfate caffeine 947
Liq crystal phase gas chromatog 970
Lithiation benzoylation acylaminopyridine regiochem 1158 Lithiction regioselective methyltetralol stereochem 124 Lithium isotope detn Faraday effect 903 Liver esterase racemic ester resoln 2722 Lobster hepatopancreas aluminum detn 1047 Lobster hepatopancreas tin detn ref 961 Luminescence phosphorus chloride cation rotation 980 Luminescence quenching chrome 2277 Lupanine formation cadaverine lupine 170 Lupine lupanine formation cadaverine 170 Lupinine conformation dynamics 205 Macrocycle tetraaza copper 2815 Macrocycle unsatd 43 56 Magnesium halide ion structure 1109

Magnesium heparin binding lanthanum sodium 1739 Magnesium hydroxide phosphorylation 2268 Magnesium hydroxide phosphorylation 2268
Magnetic exchange copper pyrazine methanesulfonato 420
Magnetic field cupric ferrocyanide electrodeposition 2009
Magnetic relaxation adamantanol 1757
Malonate alkylation allylic chloride cyclization 1298
Malonate displacement propargylic allylic chloride 43 56
Maltolato diphenylboron prepn crystal structure 590
Mandelato molybdenum tungsten 827
Magnetic assteadylboron prepn capacital chloride 1499 Manganate carbonyl bromopropanoyl chloride 1499 Manganese carboxylate electroprepn 740 Manganese dioxide catalyst oxidn glycine 2329 Manganese dioxide oxidn methylamine 2373 Manganese gallate complex 1367
Manganese speciation detn lake water 915
Manganese uranium trifluoromethanesulfonato 409 Manganise urahum Urahutonimenanasun 1998 Manganic oxidn mechanism propanol 277 Manxane structure phosphinomethane silver complex 2628 Maprounea triterpene NMR 2519 Marine hydroid minor metabolite 376 Marine ref material tin detn 961 Marine sponge nitrogenous sesquiterpene 518

Mass spectra dihydrooxopyrimidinium 718

Mass spectra heptamethyldisilyl cation 2849

Mass spectra oligosilane 1804

Mass spectrometry chem ionization hexamethyldisiloxane 2454

Mass spectrometry detn polychlorinated dibenzodioxin 1086 Mass spectroscopy tin detn ref 961 Mechanism addn chlorobenzenesulfenyl chloride alkene 1172 Mechanism addn ethyltrinitrobenzene methylguanidine DMF 1007 Mechanism Clarisen Schmidt condensation 1165
Mechanism Clarisen Schmidt condensation 1165
Mechanism cyclcondensation crystallog 261
Mechanism electrochem oxidn squaric acid 397
Mechanism enolization methylbicyclooctenone 1557
Mechanism hydrolysis acylimidazole 1951
Mechanism hydrolysis arom sulfonyl chloride 2263 Mechanism kinetics carbethoxynitrene intramol cyclization 1463 Mechanism manganic oxidn propanol 277 Mechanism naphthylmethyltrimethylammonium chloride photolysis Mechanism nucleophilic substitution phenylbromoethane 363 Mechanism oxidn dinitrobenzene hydrogen peroxide 251 Mechanism oxidn methylamine permanganate 2373 Mechanism ozonolysis chlorodimethylhexadiene 487 Mechanism permanganate oxidn glycine 2329 Mechanism photoisomerization semiconductor mediated arylcyclo= propane 976 Mechanism photolysis butene 1631 Mechanism photolysis iodonium cation 2342 Mechanism regiochem protonation nitrodiphenylmethyl carbanion Membrane cholesterol fluorescent probe 1784 Membrane model dilinoleoylphosphatidylcholine bilayer 2541 Membrane Nafion dibenzyl ketone photolysis 2131 Membrane polyene antibiotic interaction fluorescence 238 Mercaptide methanesulfonate alc condensation 2385
Mercerization cellulose crystallinity 1724
Mercury glycosaminoglycan aquation cobalt bromo ammine 2411
Mercury methyl complexation amino acid 491
Mercury Nafion coated carbon electrode 1133 Mercury papain acylamino acid dithioester complex 1521 Mercury salt reaction chlorine trioxide 2783 Mercury thymine complex stability 1479 Mercury trimethylsilylmethyl trimethylgermylmethyl selenide 2305 Mesitylene charge transfer thiazyl salt 1361 Metal detn glassy carbon electrode 1133 Metal dialkyldithiocarbamate methyl dithiophosphate electroprepn Metal heavy dust pollution monitoring 1002 Metal trace extn aluminum oxide 984 Meterorite impact Cretaceous Tertiary review 1033 Methacrylate vinylpyridine copolymer configuration NMR 1873 Methane chlorine flame kinetics mechanism 1491 Methanesulfonate mercaptide alc condensation 2385 Methanesulfonato copper pyrazine 420
Methanethial 290
Methanol soln nonelectrolyte heat capacity density 2810
Methanolysis bisdimethoxymethyl peroxide 2350
Methanolysis chlorophenyldimethylthiiranium salt regiochem 1945 Methide exchange tetramethylsilane germane stannane 2849 Methine base thiadiazole 2713 Methoxy group conformation 1761
Methoxybutadiene hydrolysis kinetics 1753
Methoxybutenone prepn hydrolysis kinetics 1753
Methoxycarbonylpropionate hydrolysis kinetics 235
Methoxycarbonylpropionate hydrolysis kinetics 235
Methoxyethanol soln DMF heat capacity density 2810

Methoxynitrocyclohexadienyl acetate 1233 Methoxyphenylethylene hydration kinetics 441 Methyl insertion pyrazolylgallatomolybdenum carbonyl 2464 Methyl orthoformate photochem oxygenation 2350 Methyl oxooctanoate asym redn yeast 2732
Methylamine kinetics oxidn permanganate 2373
Methylaminonium iodoplumbate prepn structure 1042
Methylanisol nitration 1233
Methylbenzene charge transfer thiazyl salt 1361
Methylbenzene nitro IR Raman phonon 2122
Methylbenzene nitro IR Raman phonon 2122 Methylbicyclooctenone enolization mechanism 1557 Methylcyclohexadienone Diels Alder 1262 Methyldecalone 1262
Methyldicalone 1262
Methyldiaminoethane cyclocondensation haloalkane 2526
Methyldioxolanylmethylphosphonium prepn Wittig 332
Methylene insertion singlet hydrogen 1995 Methylene reactivity HO 2774 Methyleneketene generation 1499 Methylenetriazoline Michael addn dimethyl acetylenedicarboxylate 1200 Methylethoxycarbonyl oxopiperazine conformation 1308 Methylethylene photolysis 391 Methylgallium pyridolato prepn crystal structure 782 Methylgalliumpyrazolylaminophenolate complexation rhenium nickel 2469 Methylguanidine addn kinetics nitrocumene DMF 1007 Methylmercury complexation amino acid Raman 491 Methylnitrocyclohexadienone 1233 Methylphenol nitration 1233 Methylphenylpyridodiazepinone 1158 Methylpropanol aq heat soln pentanedionatocobalt 1218 Methylpropene addn chlorobenzenesulfenyl chloride regiochem 1945 Methyltetrachlorobenzoxazole photoproduct pentachlorophenol photolysis 2223 Methyltetralol regioselective lithiation stereochem 124 Methylthiothiadiazolium condensation ethylrhodamine 2713 Methylthyminato gold phosphine 1568 Methyltriazole IR Raman 2509 Methyltrifluorosilane nitric oxide complex enthalpy 545 Methylurea condensation aniline 626 Methylvinylpyridine methacrylate copolymer structure NMR 1873 Micelle linoleate photosensitized autoxidn 2529 Michael addn methylenetriazoline dimethyl acetylenedicarboxylate 1200 Michael adduct ascorbate reaction 131 Michael retro furanoside stereoselective 1438 Microcomputer potentiometry formation const detn 2798 Microelectrode array sensor prepn 1072 Microwave structure bromine thiocyanate 2478 Mineral acid concd acidity function 1353 Mixed anhydride alkoxycarbonyl amino acid 619 Mixed anhydride bisalkoxycarbonyl amino acid 1228 Mixed anhydride peptide synthesis 613 Mixing heat succinonitrile phenanthrene 2639
MO ab initio ethylbenzene 873
MO ab initio trifluoroethyl cation 473
MO acyldehydroalanine Me ester 2182
MO aminonaphthalenol tetrahydro configuration 868
MO aryl ester conformation 2175 MO conformation oxacyclohexane 1658 MO phenylacetaldehyde 538 MO phenylpropyne 1496 MO PMO arylbenzyl deriv 1845 Model compd NADH 648 Model conformation thermotropic polyester 2291
Mol diatomic bond energy 1970
Mol dioxaazoniaboratabenzocycloheptene structure 1457
Mol ion reaction interstellar cyanopolyacetylene 2057
Mol polarization acetoacetanilide 2760 Mol rotation adamantanol 1757 Mol structure acetamidoazaniumbicyclononene perchlorate 2000 Mol structure acetoxyursanolide 851 Mol structure aminal aminoquinoline pyridinecarboxaldehyde 687 Mol structure AZT 2135
Mol structure benzoylimidazoline 2217
Mol structure benzyloxyisopropylcarbomethoxytetracycloundecene Mol structure combretastatin 2390 Mol structure cyclic phosphonylurea ester 1838 Mol structure diarsinobutene tungsten complex 2634 Mol structure diazocine 1247 Mol structure dihydroxydihydrothymidine 2618 Mol structure dioxomethylperhydrophenanthrenecarbolactam 191 Mol structure diphenyldecamethylcyclohexasilane 437

Mol structure fluorindine 1619 Mol structure glycinatodimethylgallium 1349 Mol structure indium benzenethiolato 804 Mol structure indium chloro complex 1527
Mol structure isocyanatopyridinetin 639
Mol structure isoelectronic tetrahedral mol 1109 Mol structure maltolato diphenylboron 590
Mol structure metallacyclohexasulfane 1676
Mol structure muscaroside 2317 Mol structure organogallate molybdenum amidine 2469 Mol structure phenyliminophenylaminophenylindene 2830 Mol structure potassium phenoxide dicyclohexanocrown phenol 2558 Mol structure pyridolatogallium dimethyl 782 Mol structure silaferrocenophane 1452 Mol structure silane phenylthio 898 Mol structure tellurium fluorophenyl fluoro 2643 Mol structure thiazolidinecarboxylic acid hemihydrochloride 878 Mol structure trinacondinecarboxynic acid neminydi Mol structure trimethyldiazabicyclononanone 137 Molar vol butoxyethanol mixt 810 Molar vol polymer surfactant soln 990 Molar vol potassium sodium chloride soln 833 Molybdate fluoro arom charge transfer 445 Molybdate sulfate sodium cond 1205 Molybdenum amidine prepn crystal structure 2469 Molybdenum blue formation kinetics 1313 Molybdenum complex hydroxycarboxylic 827 Molybdenum detn extn spectrophotometry 1124 Molybdenum detn seawater voltammetry 957 Molybdenum lead complex NMR 1292 Molybdoarsenic acid redn iron 1313 Monobactam styryl prepn 88
Monolayer electrode underpotential heavy metal 397
Monopiperidine calcium alkali complex 1513 Moretenone two dimensional NMR 2519 Morpholinoethene condensation carbon acid 2717 Morpholinoethene condensation carbon acid 2717
Mural x ray photoelecton spectroscopy 1058
Muricin aglycon NMR 666
Muscari glycoside mol structure 2317
Muscaroside mol structure 2317
NADH model compd 648
Nafion membrane dibenzyl ketone photolysis 2131
Nafion mercury coated carbon electrode 1133
Nakanishi Harada expitor, als configuration 574 Nakanishi Harada exciton alc configuration 574 Naphthacenetrione dihydro 31
Naphthalene charge transfer thiazyl salt 1361
Naphthalene epoxypentyltetrahydro prepn cyclization 21
Naphthalenecarboxylate diterpenoid related Diels Alder 1681
Naphthalenol aminotetrahydro configuration 868 Naphthol bromination mechanism 1714 Naphthothiophene 1663 Naphthoxazolone tetrahydro prepn configuration conformation 868 Naphthylmethyltrimethylammonium chloride photolysis mechanism Naphthyridinobenzothiazinone 636 Naphtoisoquinoline methyl chloro 2027 Neighboring group participation aminocyanoadamantane hydrolysis 2114 Nematic solvent orientation chlorobenzene 2513 Neopentoxyisoindoledithione diiminoisoindoline neopentoxy phthal= ocyanine 1705 Neopentoxyphthalocyanine diiminoisoindoline neopentoxyisoindo= ledithione 1705 Neutron activation analysis aluminum biol 1047 Nickel carboxylate electroprepn 740
Nickel carboxylate electroprepn 740
Nickel complexation methylgalliumpyrazolylaminophenolate 2469
Nickel copper alloy polarization resistance 1254
Nickel 63 beta range backscattering 1012
Nicotinate ethyl Grignard bromopropane 1885
Niobate halo arom charge transfer 445 Niobium oxide breakdown voltage 512 Nitrate aluminum chromium oxidn sulfoxide 2421 Nitrate copper hydroxide IR 2504 Nitrate rotational correlation NMR 951 Nitration methylanisol 1233
Nitric oxide tetrafluorosilane complex enthalpy 545
Nitric silane fluoromethyl oxide complex 545
Nitro topicity cycloaddn siloxycyclohexene 836
Nitroanisole 1233 Nitrobenzyl ether photochem oxygenation 1775 Nitrocobaltate NMR relaxation rotating frame 1653 Nitrocobaltate sodium NMR 1332 Nitrocumene addn kinetics methylguanidine DMF 1007 Nitrodiphenylmethane deprotonation kinetics 1980 Nitrodiphenylmethyl carbanion protonation mechanism regiochem

Nitrofurazan photolysis 1128 Nitrogen oxide silane exciplex enthalpy 541 Nitrogen 15 NMR adenosine deriv 2691 Nitrogen 13 NMR adenosine deriv 2091 Nitrogenous sesquiterpene marine sponge 518 Nitromethylbenzene IR Raman phonon 2122 Nitronate cyclic 836 Nitrone aryl cyclic voltammetry 2039 Nitronic acid 1980 Nitrophenylnitromethane kinetics proton transfer phenyltetrame= thylguanidine 2160 Nitrosyl halometalate arom charge transfer 445 Nitroxide crown ether synthesis property complex 1513
NMR adriamycin soln 2405
NMR aminonaphthalenol tetrahydro configuration 868
NMR ammonia water aniline deuterium effect 2238
NMR ammonium thiocyanate 941
NMR aryl ester conformation 2175 NMR arylthioformamidyl cation 1800 NMR aspidocarpine von Braun 200 NMR benzyl ketone 538 NMR carbon ale basicity 1769 NMR carbon benzanilide amylase complex 307 NMR carbon camphenilone enolization product 789 NMR carbon crown ether solid 2564 NMR carbon fluoromethylcoumarin 1356 NMR carbon hydrobenzoxepin 2575 NMR carbon methylbicyclooctenone enolization product 1557 NMR carbon solid tetracycline 357 NMR carbon vanadate complex 2434 NMR carbon 13 aconitine deoxyaconitine 99 NMR carbon 13 heparin counterion binding 1739 NMR cleistanthane diterpenoid 2024 NMR cobalt 59 polycryst complex 1332 NMR conformation modified deoxyadenosine 2089 NMR coupling tellurium fluorophenyl fluoro 2643 NMR deoxydiacetyladenosine 326 NMR debxyladenosne 3228 NMR ethylbenzene 873 NMR fluorescent unsatd sterol 1784 NMR glactopyranose rotamer 1145 NMR heuristic formalism 1901 NMR hydrogen cyanide deuterium 2077 NMR intramol hydrogen bond 908 NMR isotope effect phosphine 2707 NMR LFER substituted phenol 1316 NMR molybdenum tungsten complex 1292 NMR multinuclear diphenyldecamethylcyclohexasilane 437 NMR muricin aglycon 666 NMR nitrate salt soln 951 NMR nitrogen 15 adenosine deriv 2691 NMR oligosilane 1804 NMR oxygen conformation diketone 2234 NMR oxygen phthalic anhydride phthalide 1214 NMR phenylindane configuration 2568 NMR potassium dibenzocrown complex 1684 NMR proton conformation ethoxycarbonylhydroxybenzylpiperazino= ne 1308
NMR pyochelin zinc complex 2126
NMR quadrupole interaction solid 1746
NMR relaxation gadolinium complex 1508
NMR relaxation metal complex 1653 NMR retinal Schiff base salt 1576 NMR saponin Asterias 1384 NMR saponin structure 2605
NMR saponin structure 2605
NMR structure fluorindine 1619
NMR trichothecene sesquiterpene 2254
NMR two dimensional triterpene 2519
NMR vinylpyridine methacrylate copolymer configuration 1873
Nomenclature symbol chiroptical IUPAC Issue 6 ii
Nomenclature symbol unit IUPAC Issue 8 ii
Nomenclature symbol unit IUPAC Issue 8 ii Nonelectrolyte soln DMF heat capacity density 2810 Nonpolar gas cyclohexanone soln thermodn soly 2198 Nonpolar gas cyclonexanone soin termiodin soly 2138

Nonpolar solute solvent reaction heat 2624

Nordaunomycinone demethoxy 1375

Nuclear shielding nitrogen deuterium effect 2238

Nucleophilic addn imidazole ester 1951

Nucleophilic substitution kinetics phenylbromoethane 363 Nucleoside modified NMR conformation 2089 Nucleoside nitrogen 15 NMR 2691 Nudibranch terpene metabolite skin 2244 Ochromycinone total synthesis 124 Octadialdodipyranoside 2834 Octahedral cobalt complex NMR 1332 Octahydrophenanthrenone 1262 Octalone tetramethyl prepn diazoacetate insertion 182

Octane hexane mixt ultrasonic velocity 322

Olefin nitro cycloaddn siloxycyclohexene topicity 836

Olguine analog 332

Oligomerization silane dehydrogenative coupling 1804 Oligosaccharide antigen synthesis 693 2764 Oligosilane prepn structure 1804

Olivetol deuterium labeled prepn 189

Opilia celtidifolia acetoxyursanolide conformation 851 Organometallic chem cytochrome P 450 review 459

Orientation chlorobenzene nematic solvent 2513 Orotic acid transition metal complex 1479

Ortho effect arylphosphonic acid dissocn 1729 Orthoacetate photochem oxygenation 2350

Orthoformate photochem oxygenation 2350 Oxacyclohexane conformation MO 1658

Oxadiazole 166

Oxadizaolinone thermal cyclocondensation phenylisocyanate 1177 Oxalic acid sulfoxide oxidn chromium 6 2421

Oxapenam penam prepn 26
Oxatricyclononane phenylthio 1833
Oxazolidine calcium alkali complex 1513
Oxazolidinone arylimino alkyl 1177
Oxazoline calcium alkali complex 1513

Oxazolinone electron transfer reaction potassium 1624 Oxazolyldihydropyridine prepn NADH model 648

Oxidative cyclization isopropylidene acetamidrazone 1200
Oxidative decyanation cyanotetrahydronaphthacenedione 31
Oxide methanethial 290
Oxide nitolium breakdown voltage 512
Oxide nitric tetrafluorosilane complex enthalpy 545
Oxide nitric tetrafluorosilane complex enthalpy 545

Oxide nitrogen silane exciplex enthalpy 541

Oxidn butanoyloxymethylhydroxymethyltetrahydropyran 704

Oxidn cholestadiene permanganate iodate 656 Oxidn chromium 6 oxalic acid sulfoxide 2421

Oxidn dinitrobenzene kinetics 251
Oxidn electrochem amide primary cyclic 2770
Oxidn electrochem mechanism squaric acid 397
Oxidn kinetics methylamine permanganate 2373

Oxidn kinetics permanganate glycine 2329

Oxidn kinetics propanol aquomanganese 277

Oxidn quinone stannous halide 2670

Oxindole alkyl carbamoyl 1177

Oxobutyloxogulonolactone hemiketal reaction 131 Oxodeoxyazaprostaglandin prepn platelet aggregation inhibitor

Oxooctanoate methyl asym redn yeast 2732 Oxycyclohexene anomeric effect 1761

Oxygen effect electrooxidn electroredn diphenylmethylene cyclopropabenzene 2062

Oxygen electroredn catalyst cobalt phthalocyanine 2677
Oxygen NMR conformation diketone 2234
Oxygen NMR phthalic anhydride 1214
Oxygen redn asbestos surface 2338
Oxygenation photochem methyl orthoformate 2350
Oxygenation photochem nitrobenzyl ether 1775

Oxytetralin anomeric effect 1761

Oxytocin structure activity amino property 1814 Ozonolysis chlorodimethylhexadiene mechanism 487

Pair ion formation electroionization ethane 1424
Palladium methylthiophenylfluoropropanlato complex 798
Palladium sepiolite system hydrogen transfer 2791
Papain mercury acylamino acid dithioester complex 1521
Paraquat charge transfer complex 2425
Partial molar vol phenalkylamine 1924

Particular soln consecutive kinetics equation 1987

Particulate airborne analysis polycyclic arom 970 Partition linoleate water micelle 2529

Penam oxapenam prepn 26 Penicillamine formylacetate synthon cyclocondensation 26 Penicillanate prepn 26

Pentachlorophenol photolysis methyltetrachlorobenzoxazole photo= product 2223

Pentanedionatocobalt heat soln aq dioxane methylpropanol 1218 Pentenoate benzoyloxyisopropylspiroheptadienyl crystal mol struc= ture 114

Pentenyl peroxide addn propionate 2694
Peptide albumin resin adsorbent bilirubin 1927
Peptide synthesis mixed anhydride 613
Perchlorate acetamidoazaniumbicyclonomene 2000

Perchlorato cadmium mercury complex prepn 2783 Perchloric acid concd acidity function 1353

Perchloric acid protonation ferrocyanide 583

Pergolide crystal structure 256 Perhydrophenanthrenecarbolactam dioxomethyl prepn crystal struc= ture 191

Permanganate iodate oxidn cholestadiene 656

Permanganate kinetics oxidn methylamine 2373

Permanganate oxidn glycine kinetics 2329 Permanganate reaction sulfuric 2665 Permanganyl hydrogen sulfate 2665 Petromyzonol synthesis 2447

Phase diagram thermodn succinonitrile phenanthrene system 2639

Phase relation basic bismuth chloride 2824

Phase transition adamantanol 1757

Phenacyl bromide alkylation arylmethyloxobutanoate 1810
Phenalene oxoethylhexahydro 21
Phenalkylamine partial molar vol 1924
Phenanthrene succinonitrile system thermodn phase diagram 2639
Phenanthrenone dimethyloctahydro 1262

Phenanthroline copper toluenethiolato electroprepn structure 1336 Phenanthrone isopropylmethoxymethyl conversion taxodione 775

Phenanzine pyrazino chem electrochem redn 1619

Phenethyldimethylamine oxide elimination isotope effect 2149

Phenethylisoquinoline alkaloid enantioselective synthesis 2356

Phenol acylation acrylate acryolyl chloride 224
Phenol coupling aminoantipyrine product crystal structure 2082
Phenol crown ether phenoxide complex 2551
Phenol cyclohexyl crown ether complex 2564

Phenol potassium phenoxide dicyclohexanocrown structure 2558 Phenol substituted LFER NMR 1316 Phenol thioethyl NMR 908

Phenoxide crown ether phenol complex 2551
Phenoxide cyclohexyl crown ether complex 2564
Phenoxide potassium dicyclohexanocrown phenol structure 2558
Phenyl formate conformer rotational barrier 2175

Phenyl tellurium fluoro NMR coupling 2643 Phenylalanine tropic acid alkaloid formation Datura 226 Phenylalkylamide cyclization polyphosphoric acid 2568

Phenylbenzohydroxamic acid reagent molybdenum 1124 Phenylbromoethane kinetics nucleophilic substitution 363

Phenylcycloheximide 1327
Phenyldithioliumolate cyclocondensation cailine 2830
Phenylfluorone reagent molybdenum 112.
Phenylhydroxydithiolium salt cyclocondensation aniline 2830

Phenylimidazoline structure 2217 Phenyliminophenylaminophenylindene prepn crystal structure

Phenyliminothiadiazoline crystal structure 1154
Phenylindane prepn configuration NMR 2568
Phenylisocyanate thermal cyclocondensation oxadizaolinone 1177
Phenylpropyne NMR 1496
Phenylselenium chloride transmetalation vinylstannane 2612

Phenylselenobutadiene prepn cycloaddn 2612 Phenyltetramethylguanidine kinetics proton transfer nitrophenylni tromethane 2160

Phenyltetramethylguanidine prepn basicity 626

Phenylthiomethyltetrahydrofuran 1833 Phenylthiosilane crystal structure 898 Phonon nitromethylbenzene 2122 Phosphaborene intermediate 1230

Phosphate detn calcium arsenate present 1313

Phosphate polytungsto relation 568
Phosphatidylcholine bilayer autoxidn kinetics 2541

Phosphation asbestos 1397

Phosphine diarsinobutene tungsten complex 2634

Phosphine gold methylthyminato 1568
Phosphine NMR isotope effect 2707
Phosphite diarsinobutene tungsten complex 2634
Phospholipid bilayer polyene antibiotic interaction fluorescence

Phosphonate aryl catalyst enolization 1734 Phosphonic acid aryl catalyst enolization 1734 Phosphonic acid aryl ionization 1729

Phosphonylurea ester prepn hydrolysis kinetics 1838

Phosphorescence detection chromate water HPLC 965 Phosphorescence HPLC chromate detn water 965 Phosphoric acid concd acidity function 1353 Phosphorus chloride cation luminescence rotation 980 Phosphoryl chloride reaction chrysotile 2268

Phosphoryl chloride sealing asbestos 1397 Phosphorylation chrysotile 2268

Photoacoustic IR partially deuterated kaolinite 1420

Photoaddn halohydroamide chlorosuccinimide dimethylbutene

Photochem cycloaddn intramol arylmethylcyclopentenone 1810 Photochem dimerization benzylcyclopentenone 1810 Photochem oxygenation methyl orthoformate 2350

Photochem oxygenation nitrobenzyl ether 1775 Photochem rearrangement dimethyldioxobicyclooctenedicarboxylate

Photochem tautomerization alkene 2312

Photochromism dinitrotoluene 353

Photoelectron spectroscopy x ray mural 1058 Photoelectron spectra propenoyl halide 683 Photoenolization unsatd ketone kinetics 1867 Photoisomerization indigo dye singlet state 708

Photoisomerization semiconductor mediated mechanism arylcyclo=

propane 976 Photolysis bilirubin solvent effect 1908 Photolysis butene mechanism 1631

Photolysis dibenzyl ketone Nafion membrane 2131

Photolysis dihydrobenzofuran phenylindan diphenyltetrahydrofuran methoxycyclopentane 2734
Photolysis dinitrotoluene 353
Photolysis homolytic heterolytic substituent effect 1599

Photolysis iodonium cation mechanism 2342 Photolysis laser chromone 2277

Photolysis methylethylene 391 Photolysis nitrofurazan 1128

Photolysis pentachlorophenol methyltetrachlorobenzoxazole photo= product 2223

Photolysis pinene dimetylsilylene 2727 Photooxidn arylcyclopropane semiconductor mediated 976 Photoproduct methyltetrachlorobenzoxazole pentachlorophenol photolysis 2223

Photosensitized tautomerization alkene 2312
Photostationary state cyclic enone intramol cycloaddn 1810
Phthalazinedione amino chemiluminesence 1392 Phthalic anhydride oxygen NMR 1214 Phthalide oxygen NMR 1214

Phthalocyaninato cobalt mononuclear binuclear electrocatalyst

Phthalocyanine cobalt soln dimerization equil 855
Phthalocyanine neopentoxy diiminoisoindoline neopentoxyisoindo=
ledithione 1705

Picolinate ethyl Grignard bromopropane 1885 Picrate alkali partition urethane foam 1103 Picrate cellulose NMR decompn 1891 Picric acid alc dissocn const 722 Pinene dimetylsilylene photolysis 2727

Piperazonium cation 2526
Piperazonium cation 2526
Piperidine carboxylate ester hydrolysis esterase 2722
Piperidinoethene condensation carbon acid 2717
Piperidinylethanol hydroxycyclohexyl 1327
Platelet aggregation inhibitor oxodeoxyazaprostaglandin prepn

Platinum diazatetracycloundecane complex 2855

Platinum electrode oxidn squaric acid 397
Platinum methylthiophenylfluoropropanolato complex 798
Platinum thymine complex stability 1479
Plumbate iodo methylammonium prepn structure 1042
Pnicogen methanesulfonato complex 1195
Poison Dufours gland structure ant 432 Polarization resistance copper nickel alloy 1254 Polarized absorption arom radical anion 1185 Polarog cyclic single drop square wave 1025 Polarog cyclic single drop square wave 1025
Polarog max suppression polyacrylamide detn 557
Polyacrylamide detn polarog max suppression 557
Polychlorinated dibenzodioxin detn environment 1086
Polycyclic arom sepn gas chromatog 970
Polyene antibiotic membrane interaction fluorescence 238
Polyester thermotropic conformation model 2291
Polyethylene glycol ether molar vol 2248
Polymer surfactant soln molar vol 990
Polymeric lic grystel phase ges chromatog 970

Polymeric liq crystal phase gas chromatog 970

Polyphosphoric acid cyclization phenylalkylamide 2568 Polysaccharide Sterculia gum structure 2069

Polysicxane stationary phase gas chromatog 970
Polysiloxane stationary phase gas chromatog 970
Polysulfan:tungsten complex 1190
Polytungstophosphate relation 568
Polyurethane foam alkali cation sorption 1103
Porcine pancreatic lipase hydrolysis dibutanoyloxymethyltetrahydro= pyran 704

Porphyrin cytochrome P 450 review 459 Pos halide electrochem bicyclization lactam 2770

Pos halide electrochem bicyclization lactam 2770
Potassium arylnitrone electron transfer 2039
Potassium detn ion sensitive FET 1072
Potassium electron transfer reaction oxazolinone 1624
Potassium phenoxide dicyclohexanocrown phenol structure 2558
Potassium sodium chloride soln density 833
Potassium 39 dibenzocrown complex NMR 1684
Potential energy benzyl ketone 538
Potential hypersurface thioacetyl ion 1209
Potential surface isomerization trifluoroethyl cation 473

Potential surface isomerization trifluoroethyl cation 473
Potentiometry microcomputer formation const detn 2798
Potentiometry stability const computer program 2804
Prepn crystal maltolato 590

Program potentiometry stability const computer 2804

Propanol oxidn kinetics aquomanganese 277 Propargylic chloride malonate displacement 43 56 Propenoyl halide photoelectron spectra 683 Propenyl methyl radical formation isomerization 391

Propenyl methyl radical formation isomerization 391
Propiolate benzhydryl formylacetate synthon 26
Propionate addn pentenyl peroxide 2694
Propionic anhyd carbethoxynitrene 1463
Propyl pyridyl ketone 1885
Propylene carbonate acetonitrile viscosity density 456
Propylene carbonate electrolyte soln property 1402
Proton affinity free energy conjugate basis 1258
Proton affinity free energy conjugate basis 258
Proton NMR benzanilide amylase complex 307
Proton NMR conformation ethoxycarbonylhydroxybeny

Proton NMR conformation ethoxycarbonylhydroxybenzylpiperazino= ne 1308

Proton NMR hydrobenzoxepin 2575
Proton NMR methylbicyclocetenone enolization product 1557
Proton NMR vanadate complex 2434
Proton sponge acid base thermodn 996

Proton transfer sigma complex ethyltrinitrobenzene 1007

Proton transfer steric hindrance 2160 Protonated aminobutyrophenone UV 1689 Protonation amine dioxane water system 563
Protonation conjugated Schiff base 661
Protonation equil ferrocyanic acid 583
Protonation mechanism regiochem nitrodiphenylmethyl carbanion

1980
Protonation pyrazolylgallatomolybdenum carbonyl anion 2464
Protonation retinal ab initio 892
Protonation retinal Schiff base acid 1576
Pulse cyclic chronovoltammetry flow injection 1795
Pulsed cyclic voltammetry 1051
PVC stabilizer alkoxycarbonylalkyl tin chloride 1241
Pyochelin zinc complex NMR 2126
Pyran tetrahydrocarboxymethylmethyl total synthesis enantioselecs
tivity 704 tivity 704 yranosidic homologation methyl glucopyranoside 2834

yrazine copper methanesulfonato 420

Pyrazinophenazine chem electrochem redn 1619

Pyrazinoquinoxaline chem electrochem redn 1619
Pyrazolinone cyclohexadienylideneamino crystal structure 2082
Pyrazolobenzoxazepinone tetrahydrodimethylphenyl crystal struc ture 2082

Pyrazolobenzoxazinone dihydrodimethylphenyl crystal structure 2082

Pyrazolyl gallate 1367 Pyrazolylgallatomolybdenum carbonyl ion pair sodium 2464 Pyridinecarboxaldehyde aminal aminoquinoline aminonaphthalene

Pyridinedicarboxylic anhydride Grignard regiochem 1885 Pyridodiazepinone hydro methyl phenyl 1158 Pyridolatogallium dimethyl mol structure 782

Pyridyloxygallate 1367 Pyrolysis benzothiabicyclooctane 290

Pyrrole electron withdrawing structure NMR correction 1441 Pyrrolidinone THF density viscosity 456

Pyrroloinone 1117 density viscosity 456
Pyrroloinoloine 836
Quadrupole coupling sodium nitrocobaltate 1332
Quadrupole interaction solid NMR 1746
Quadrupole relaxation deuterium cyanide 2077
Quaternary ammonium surfactant soln 990

Quaternary ammonium surfactant soin 990 Quaternized vinylpyridine methacrylate copolymer NMR 1873 Quenching luminescence chrome 2277 Quinidine metabolite prepn configuration 2701 Quinizarin transition metal diketonato salicylaldehyde 1485 Quinoline amino condensation aldehyde 687 Quinolinolate tin complex 1241

Quinolinolatogallium crystal structure 782 Quinolyloxygallate 1367

Quinone hydroquinone pulse cyclic chronovoltammetry 1795 Quinone hydroquinone pulsed cyclic voltammetry 1051 Quinone oxidn stannous halide 2670

Quinoxaline pyrazine chem electrochem redn 1619
Racemic ester resoln liver esterase 2722
Racemization bromide exchange phenylbromoethane 363
Racemization minimization mixed anhydride peptide 613 Radical alkyl kinetics chlorine abstraction 311

Radical anion arom polarized absorption 1185 Radical anion arylnitrone electronic spectrum 2039

Radical anion oxazolinone 1624 Radical cation formation photolysis 2734

Radical cyclization bromo unsatd ester 1859 Radical formation bond dissocn energy 2495 Radical property factor analysis 1380 Radical unsatd isomerization 391

Radioimmunoassay polychlorinated dibenzodioxin 1086

Raman complexation methylmercury amino acid 491 Raman methyltriazole 2509 Raman nitromethylbenzene 2122 Raman intromethylonenzene 2122
Raman spectra aq haloselenate 316
Raman spectra tributylamine 384
Raman tin isochalcocyanate 639
Ramen sulpiride 1613
Ravidomycin aglycon total synthesis 427
Reaction heat nonpolar solute solvent 2624 Reaction ion mol cyanopolyacetylene interstellar 2057 Reactivity methylene HO 2774 Rearrangement acid tetramethylfuranone 1695 Rearrangement intramol cyanotriketone 191 Rearrangement photochem dimethyldioxobicyclooctenedicarboxylate

Rearrangement solvolysis triarylvinyl bromide 933 Rearrangement thermolysis enol silyl ether 670 Rearrangement thiosylbicyclooctenol 1663 Rearrangement thiosylbicyclooctenol 1663 Rearrangement vinylbicycloheptenol epimerization 1828 Rearrangement Westphalen lanostane 595 Redra de dehydrogenase decalindione prepn 2397 Redn alc dehydrogenase decalindione prepn 2397 Redn asym yeast methyl oxooctanoate 2732 Redn chem electrochem pyrazinoquinoxaline 1619 Redn disulfide titanium trichloride 1364 Redn electro anthraldehyde 744 Redn electrochem arom ketone 549

Redn electrochem reversibility pulsed cyclic voltammetry 1051 Redn molybdoarsenic acid iron 1313

Redn potential oxazolinone radical anion 1624

Redn pyrazinoquinoxaline pyrazinophenazine 1619
Ref material marine tin detn 961
Ref std biol aluminum detn 1047
Reflectance specular thin layer spectroelectrochem cell 919
Regiochem chlorination benzyl trifluoroethyl sulfide 2385
Regiochem deuteration camphenilone 789

Regiochem diphenylcarbamoylguanine glycosidation 1436 Regiochem Grignard pyridinedicarboxylic anhydride 1885 Regiochem lithiation benzoylation acylaminopyridine 1158 Regiochem mechanism protonation nitrodiphenylmethyl carbanion

1980
Regioschem methanolysis chlorophenyldimethylthiiranium salt 1945
Regioselective lithiation methyltetralol stereochem 124
Regioselectivity chlorination acetanilide cyclodextrin 307
Relaxation NMR gadolinium complex 1508
Relaxation NMR rotating frame 1653
Resin albumin peptide adsorbent bilirubin 1927
Resistance polarization copper nickel alloy 1254
Reselvance polarization copper nickel alloy 1254
Reselvancemic agent liver esterase 2722

Resistance polarization copper nickel alloy 1254
Resoln racemic ester liver esterase 2722
Retinal protonation ab initio 892
Retinal Schiff base protonation acid 1576
Retro Michael furanoside stereoselective 1438
Review cytochrome P 450 organometallic chem 459
Review life extinction Cretaceous Tertiary 1033
Rhamnotriose antigen synthesis 2764
Reprint a propagation protonal compagation in the state of the s

Rhenium complexation methylgalliumpyrazolylaminophenolate

2469
Rhenium gallate complex 1367
Rhizopus chirality allylic alc 574
Rhodium gallate complex 1367
Rhodomycinone dideoxy 31
Ribofuranosylguanine 1436
Ribose transfer thermodn aq electrolyte 2656
Ring cleavage dihydrothiophene dioxide 110

Ring cleavage kinetics arylmethylpyrrolinium 1689 Ring cleavage oxazolinone potassium 1624 Ring cleavage thiazolidine Grignard reagent 859

Ring cleavage thiazolidine Grignard reagent 859
Ring strain phosphonylurea ester hydrolysis 1838
Ringe cleavage dimethyldioxotricyclooctanedicarboxylate 69
Ro 151788 54864 crystal structure 1608
Rollinia furan rolliniastatin 1 antineoplastic 1433
Rolliniastatin 1 Rollinia antineoplastic 1433
Rotamer galactopyranose NMR 1145
Rotation barrier arylbenzyl deriv 1845
Potation barrier arylbenzyl deriv 1845

Rotation barrier ethylbenzene 873 Rotation barrier phenylpropyne 1496

Rotation luminescence phosphorus chloride cation 980 Rotation mol adamantanol 1757 Rotation nitrate soln NMR 951 Rotational barrier ferrocenecarboxaldehyde magnetic relaxation

Rotational barrier phenyl formate conformer 2175 Rubidium sodium sulfate cond 1205

Ruthenium ammine ethoxyphosphine aqua deaquation kinetics 372 Ruthenium hexaammine detn microelectrode array 1072 Salicylaldehyde transition metal quinizarin complex 1485

Salvia diterpenoid kerlinic acid structure 2687 Saponin Asterias NMR 1384

Saponin structure NMR 2605

Sarcodon terphenyl deriv 2369 Schiff base benzaldehyde aminocyanoadamantane hydrolysis 2114 Schiff base conjugated protonation 661 Schiff base cyclization bisethylthiobutenoic acid 1503

Schiff base retinal protonation acid 1576

Schmidt reaction camphor 137 Scleroderolide formation Gremmeniella metabolite 760

Scleroderolide Scleroderris canker 748

Scleroderris green formation Gremmeniella metabolite 760

Scleroderris green Gremmeniella 754
Scleroderris green Gremmeniella 754
Scleroderris scleroderolide 748
Sclerodin formation Gremmeniella metabolite 760
Sclerodino formation Gremmeniella metabolite 760
Screening anisotropy ammonium thiocyanate 941
Seawater molybdenum detn voltammetry 957 Seawater trace uranium detn voltammetry 1139

Second order kinetics consecutive 1987 Sediment analysis polychlorinated dibenzodioxin 1086

Sediment estuarine tin detn std 961
Selenide trimethylsilylmethyl trimethylgermylmethyl mercury 2305
Selenium bromodi fluoroarsenate structure thermolysis 1584
Selenium triiodo fluoroarsenate fluoroantimonate 2744

Selenosulfonate conversion arom sulfonic hydrazide 38

Selenous acid ionization aq 316 Semiconductor mediated photooxidn arylcyclopropane 976

Semiconductor mediated photooxian arylcyclopropane 976
Sensor chem integrated prepn 1072
Sepiolite palladium system hydrogen transfer 2791
Sequence distribution vinylpyridine methacrylate copolymer 1873
Sesquiterpene Cyathus bullerone structure 15
Sesquiterpene nitrogenous marine sponge 518
Sesquiterpene trichothecene NMR 2254 Shielding const phosphorus isotope effect 2707 Shielding stannane isotope effect 1469

Sigma complex ethyltrinitrobenzene proton transfer 1007 Silaferrocenophane aminoethyl 1452

Silane dehydrogenative coupling oligomerization 1804

Silane denydrogenative coupling oilgomerization 18
Silane fluoromethyl nitric oxide complex 545
Silane nitrogen oxide exciplex enthalpy 541
Silane phenylthio mol structure 898
Silane tetramethyl methide exchange kinetics 2849
Silica phosphorylation 2268
Silicon halide ion structure 1109

Silicone oil thermodn aq interface 2299 Siloxycyclohexene cycloaddn nitro olefin topicity 836 Silver diphosphinomethane complex 2628

Silver thiolate direct electrochem prepn 1336
Silyl ether enol thermolysis rearrangement 670
Silylmethylselenomethane mercury halo 2305
Silyloxycyclohexene formylmethylpiperidinedione aldol stereochem

1327

Singlet state indigo dye photoisomerization 708 Sinularene 1668 Sinularene epimer total synthesis stereoselectivity 114

Skin terpene metabolite nudibranch 2244

Skin terpene metabolite hudibranch 2244
Sodium chloride polarization resistance alloy 1254
Sodium halide ion structure 1109
Sodium heparin binding magnesium lanthanum 1739
Sodium hydroxide iodide diffusion 2489
Sodium iodide aq diffusion 2489
Sodium ion pair pyrazolylgallatomolybdenum carbonyl 2464
Sodium lanthanum chloride melt d 2779

Sodium nitrate structure aq 2843 Sodium nitrate water transfer thermodn electrolyte 2595

Sodium nitrocobaltate NMR 1332

Sodium phenoxide dicyclohexanocrown phenol structure 2558
Sodium potassium chloride soln density 833
Sodium sulfate ionic cond 1205
Solid carbon NMR crown ether 2564
Solid carbon NMR tetracycline 357
Solid NMR guadanals interaction 1746

Solid NMR quadrupole interaction 1746 Soln heat butyl halide alc 1474

Soln heat pentanedionatocobalt aq dioxane methylpropanol 1218 Soln particular consecutive kinetics equation 198

Soln thermodn nonpolar system 2624 Soln thermodn soly nonpolar gas cyclohexanone 2198 Solvation thermodn nonpolar system 2624

Solvent effect anomeric effect 213
Solvent bilirubin photolysis 1908
Solvent effect bromide exchange phenylbromoethane 363
Solvent effect charge transfer complex 2106
Solvent effect fluorescence benzoylindole 245
Solvent effect fluorescence diphenylvinylpyrazoline 1416
Solvent effect thiazole iodine complex 468
Solvent ion interaction as autom 5865

Solvent ion interaction aq system 2595

Solvolysis cyclic nitronate 836 Solvolysis rearrangement triarylvinyl bromide 933 Soly pentanedionatocobalt aq dioxane methylpropanol 1218 Soly pentanedionatocobalt aq dioxane methylpropanol 1218 Soly picrate aq sodium nitrate 2595 SOMO effect photolysis cyclic compd 2734 Sonolysis cytosine thymine degrdn 1162 Sorption alkali cation polyurethane foam 1103 Sound velocity electrolyte soln propylene carbonate 1402 Spectra crystallog tautomerism cyanopropane 261 Spectra UV visible IUPAC Issue 8 ii Spectroelectrochem cell thin layer specular reflectance 919 Spectrometry atomic absorption aluminum biol 1047 Spectrometry atomic absorption tin ref. 961 Spectrometry atomic absorption tin ref 961 Spectrophotometry antipyrine bromothymol blue 2286 Spectrophotometry arsenate phosphate microdetn 1313 Spectrophotometry molybdenum detn 1124 Spectroscopy mass tin detn ref 961
Spectroscopy x ray photoelecton mural 1058
Sphericity electrode square wave polarog 1025
Spin coupling nitrogen protein deuterium effect 2238
Spin coupling phosphorus isotope effect 2707
Spin dynamics heuristic formalism NMR 1901 Spin lattice relaxation deuterium cyanide 2077 Spin lattice relaxation ferrocenecarboxaldehyde 1940 Spin lattice relaxation nitrate 951 Spiro lactore ether steroid 229
Spirobicyclooctanecyclopentadiene Diels Alder stereochem 154
Spirocyclopentadiene Diels Alder stereochem 154
Sponge marine nitrogenous sesquiterpene 518
Spruce budworm insect antifeedant iridoid deriv 1853 Square wave cyclic single drop polarog 1025 Squaric acid mechanism electrochem oxidn 397 Squaric acid mechanism electrochem oxidin 397
Stability const copper amine hydroxyaldehyde 348
Stability const lead chloro fluoro 528
Stability molybdenum tungsten hydroxycarboxylato 827
Stannane coupling shielding isotope effect 1469
Stannane tetramethyl methide exchange kinetics 2849
Stannous halide oxidin quinone 2670
Stannulytadina propagated in 2612 Stannylbutadiene prepn cycloaddn 2612 Stannylcopper reagent prepn reaction 78 Starfish forbeside C 2605 Starfish forbeside structure NMR 1384 Stationary phase polysiloxane gas chromatog 970 Std estuarine sediment tin detn 961 Std ref biol aluminum detn 1047 Steel analysis molybdenum 1124 Sterculia gum polysaccharide structure 2069 Stereochem addn chlorobenzenesulfenyl chloride alkene 1172 Stereochem aldol silyloxycyclohexene formylmethylpiperidinedione Stereochem alkene nitro cycloaddn silyloxycyclohexene 836
Stereochem anhydropenicillin aldol acetaldehyde 2179
Stereochem cyathin diterpene intermediate 2380
Stereochem deuteration camphenilone 789
Stereochem Diels Alder spirocyclopentadiene 154
Stereochem diene carboxylated 110
Stereochem elimination amine oxide 2149 Stereochem elimination halo epoxide trialkylstannate 1821 Stereochem galactopyranose dehydrogenation galactose oxidase Stereochem lipase hydrolysis dibutanoyloxymethyltetrahydropyran Stereochem radical cyclization bromo unsatd ester 1859 Stereochem regioselective lithiation methyltetralol 124 Stereoelectronic anomeric effect 213 Stereoselective alkylation 14 membered lactone 2314 Stereoselectivity Diels Alder acyldehydroalanine cyclopentadiene Steric effect arylphosphonic acid dissocn 1729 Steric hindrance proton transfer 2160 Steroid diene homoannular oxidn 656 Steroid hydroxy oxo 2203 Steroid Lansium 150 Sterol unsatd fluorescent NMR 1784 Strain phosphonylurea ester hydrolysis 1838 Strecker amination aldehyde ketone 282 Street dust lead pollution monitoring 1002 Structure acetamidoazaniumbicyclononene perchlorate 2000 Structure activity oxytocin amino acid property 1814 Structure aminal aminoquinoline pyridinecarboxaldehyde 687 Structure aq sodium nitrate 2843 Structure benzoylimidazoline 2217 Structure bromine thiocyanate 2478 Structure bromodiselenium fluoroarsenate 1584

Structure chlorometalate arom charge transfer 445

Structure copper hydroxymethylaminomethane 821 Structure copper pyrazine methanesulfonato 420 Structure copper tetraaza macrocycle 2815
Structure crystal pharmacol thiadiazinedione dioxide 298
Structure Dufours gland poison ant 432
Structure gold phosphine methylthyminato 1568
Structure halochalcogen fluoroarsenate fluoroantimonate 2744 Structure hexatin oxo fluoroacetato 2187 Structure indium chloro complex 1527 Structure isoelectronic tetrahedral mol 1109 Structure mercury trimethylsilylmethylselenomethane 2305 Structure methylammonium iodoplumbate 1042 Structure NMR fluorindine 1619 Structure oligosilane 1804 Structure palladium thiophenylfluoropropanolato phosphine 798 Structure phenanthroline copper toluenethiolato 1336 Structure phenanthronne copper tonenethiolato 1336
Structure platinum diazatetracycloundecane complex 2855
Structure potassium phenoxide dicyclohexanocrown phenol 2558
Structure stannate chlorocatecholato aminoethylammonium 2670
Structure tellurium fluorophenyl fluoro 2643
Structure thiazolidinecarboxylic acid hydrochloride 878
Styryl monobactam bactericide 88 Substituent effect bond cleavage benzylcobalamin 2095 Substituent effect bromide exchange phenylbromoethane 363 Substituent effect homolytic heterolytic photolysis 1599 Substituent effect ionization arylphosphonic acid 1729 Substitution hydroxydihydrobenzothiophene dioxide 482 Substitution nucleophilic kinetics phenylbromoethane 363 Succinimido aminoazidosalicyloyldithiocarboxylate prepn labeling Succinonitrile phenanthrene system thermodn phase diagram 2639 Sugar deoxyfluoro 412 Sulfano tungsten complex 1190 Sulfate chondroitin bromopentaamminecobalt aquation mercury Sulfate detn coconut HPLC 947 Sulfate sodium ionic cond 1205 Sulfanyl etherification unsatd alc 1833 Sulfide benzyl trifluoroethyl regiochem chlorination 2385 Sulfide chlorophenyl chloroalkyl 1945 Sulfonato methane pnicogen complex 1195 Sulfonato tin transition metal polymer 2649 Sulfonato tin transition metal polymer 2649
Sulfonato trifluoromethane uranium 409
Sulfonic hydrazide arom conversion selenosulfonate 38
Sulfonium difluorotrimethylsilicate fluorination sugar triflate 412
Sulfonylthalein dye assocn ajmalline homatropine 1279
Sulfonyl chloride arom hydrolysis kinetics 2263
Sulfonylcarbanion crystalog 1407
Sulfoxide oxalic acid oxidn chromium 6 2421
Sulfoxide oxalic acid oxidn chromium 6 2421 Sulfoxide sigmatropic rearrangement vinylbicycloheptenol 1828 Sulfur extrusion benzothiazepine 18 Sulfur tribromo fluoroarsenate structure heat 2744 Sulfuric acid concd acidity function 1353 Sulfuric reaction chromate dichromate permanganate 2665 Sulpiride IR Ramen 1613 Surface tension lanthanum sodium chloride melt 2779 Surfactant polymer soln molar vol 990 Symbol nomenclature chiroptical IUPAC Issue 6 ii Symbol unit nomenclature IUPAC Issue 8 ii Synthon chiral butanoyloxymethylhydroxymethyltetrahydropyran prepn oxidn 704 Synthon formylacetate benzhydryl propiolate benzacrylate 26 Tantalate halo arom charge transfer 445 Target factor analysis bond dissocn 1380 Tautomerism cyanopropane crystallog spectra 261 Tautomerism triazine antitumor 292 Tautomerization photo dienol kinetics 1867 Tautomerization photo dienoi kinetics 1867
Tautomerization photochem alkene 2312
Taxodione synthesis 775
Tea detn caffeine HPLC 947
Telluration attempted arom sulfonic hydrazide 38
Tellurium fluorophenyl fluoro structure NMR coupling 2643
Tellurium triiodo fluoroantimonate 2744
Tensor operator NMR 1901
Terpene metabolite skin nudibranch 2244
Tensor underit Scandon 2200 Terphenyl deriv Sarcodon 2369
Tertiary alc vinylbicyclic rearrangement 1828
Tetraalkylammonium halide soln propylene carbonate property Tetraalkylthiuram disulfide metal electrooxidn 928 Tetracycline aq ultrasonic velocity 303 Tetracycline solid NMR carbon 357 Tetracycloundecene benzyloxyisopropylcarbomethoxy mol crystal structure 114 Tetrafluorosilane nitric oxide complex enthalpy 545

Tetrahedral intermediate hydration acylimidazole 1951
Tetrahedral isoelectronic mol structure 1109
Tetrahydroanphthothiophene 1663
Tetramethylfuranone rearrangement acid 1695
Tetramethylsilane methide exchange 2849
Thermal cyclocondensation phenylisocyanate oxadizaolinone 1177
Thermodn acetal acylimidazole 1951
Thermodn alkylgermanium cation hydration 2146
Thermodn dissocn picric acid alc 722
Thermodn dissocn picric acid alc 722
Thermodn electron donor acceptor complex 468
Thermodn formation basic bismuth chloride 2824
Thermodn hydrogen bond amine phenol 1594 Thermodn hydrogen bond amine phenol 1594 Thermodn polymer surfactant soln 990
Thermodn silicone oil aq interface 2299
Thermodn soln nonpolar gas cyclohexanone 2198
Thermolysis benzothiabicyclooctane 290
Thermolysis benzylcobalamin kinetics 2095
Thermolysis bromodiselenium fluoroarsenate 1584 Thermolysis diazidoacetoacetate diazidobenzoylacetate 166 Thermolysis enol silyl ether rearrangement 670 Thermolysis ethyl azidoformate anhyd 1463
Thermolysis hydroxydihydrobenzothiophene dioxide 482
Thermotropic polyester conformation model 2291
THF pyrrolidinone density viscosity 456
THF soln DMF heat capacity density 2810
Thiabicyclooctane fused flash vacuum pyrolysis 290 Thiadiazinedione dioxide prepn crystal structure pharmacol 298 Thiadiazole dye 2713 Thiadiazole dye 2713
Thiadiazoline dimethylphenylimino crystal structure 1154
Thiadiazolium methylthio condensation carbon acid 2713
Thialeukotriene trifluoromethyl 1438
Thiazole iodine EDA complex 468
Thiazolidine ring cleavage Grignard reagent 859
Thiazolidinecarboxylic acid hydrochloride crystal structure 878 Thiazoildinecarooxylic acid nydrochioride crystal structure Thiazoile ring cleavage Grignard reager 859 Thiazyl salt charge transfer complex 1361 Thienoisoquinoline methyl chloro 2027 Thienylbicyclooctenol prepn rearrangement 1663 Thiiranium salt methanolysis chlorination ion pair 1945 Thin layer spectroelectrochem cell specular reflectance 919 Thioacetyl ion ab initio 1209 Thioamide amino acid deriv 282 Thioanisolefluoropropanol prepn palladium platinum complex 798 Thiocarbonyl iodine charge transfer solvent effect 2106 Thiocyanate ammonium NMR 941 Thiocyanate bromine microwave structure 2478 Thiocyanate deaquation ruthenium ammine phosphite 372 Thiocyanate tin complex 1241 Thioformaldehyde 290 Thioformamide vapor UV 2100 Thioformamide vapor UV 2100
Thiolate copper silver gold electroprepn 1336
Thiolatotungsten phthalimido sulfide reaction 1190
Thiophene dihydro dioxide prepn ring cleavage 110
Thiourea NMR relaxation rotating frame 1653
Thymidine transition metal complex 1479
Thymidinediol crystal mol structure 2618
Thyminato methyl gold phosphine 1568
Thymine sonolysis degrdn 1162
Thymine transition metal complex 1479
Tin alkoxycarbonylalkyl 1241
Tin chlorocatecholato halo phenanthroline methylethylenediamine 2670 Tin detn marine ref material 961 Tin hexanuclear oxo fluoroacetato 2187 Tin isochalcocyanate IR Raman 639 Tin transition metal sulfonato polymer 2649
Tochuina terpene metabolite skin 2244
Tolidine kinetics chlorite reaction bromide 497
Toluene NMR deuterium isotope effect 534
Toluenethiolato copper phenanthroline electroprepn structure 1336 Toluidine 523 Topicity siloxycyclohexene cycloaddn nitro olefin 836 Topsentia alkaloid topsentin structure bisindole 2118 Topsentin Topsentia alkaloid bisindole structure 2118 Trace metal extra aluminum oxide 984 Transfer proton steric hindrance 2160 Transfer proton steric hindrance 2160
Transfer thermodn electrolyte water sodium nitrate 2595
Transfer thermodn nonpolar system 2624
Transfer thermodn ribose arabinose aq electrolyte 2656
Transient intermediate iodonium cation photolysis 2342
Transistor field effect sensor prepn 1072
Transition metal carboxylate direct electrosynthesis 740
Transition metal quinizarin diketonato salicylaldehyde 1485
Transition metal tin sulfonato polymer 2649
Transition metal vannium trifluoromethanesulfonato 409

Transition metal uranium trifluoromethanesulfonato 409

Transition phase adamantanol 1757 Transition state elimination amine oxide 2149 Transition state rearrangement thioacetyl ion 1209 Transition state structure insertion 1995 Transmetalation vinylstannane phenylselenium chloride 2612 Trialkylstannate elimination halo epoxide stereochem 1821 Triarylvinyl bromide solvolysis rearrangement 933
Triazole methyl IR Raman 2509
Triazoline methylene prepn reaction acetylenedicarboxylate 1200
Tributylamine Raman spectra 384
Tricholomic acid intermediate prepn 195
Trichothecene sesquiterpene NMR 2254
Tricyclooctane dicarboxylate dimethyldioxo prepn ring cleavage 69
Trifluoroethyl cation ab initio MO 473
Trifluoroethyl cation ab initio MO 473 Trifluoroethyl cation ab initio MO 473
Trijugin Heynea triterpene structure 35
Trimerization oxobutyloxogulonolactone hemiketal 131
Trimethylgermylmethyl selenide mercury 2305
Trimethylsilylmethyl selenide mercury 2305 Trinitroanilinocarbazole crystal structure 1322 TRIS copper complex 821 Triterpene Heynea trijugin structure 35
Triterpene Lansium 150
Triterpene two dimensional NMR 2519
Tropic acid alkaloid formation phenylalanine Datura 226
Tungstate chloro arom charge transfer 445 Tungsten arsinobutene complex 2634 Tungsten complex hydroxycarboxylic 827 Tungsten lead complex NMR 1292 Tungsten polysulfano complex 1190
Tungsten thiophenolato dimer crystal structure 898
Tungstophosphate relation 568
Two dimensional NMR triterpene 2519 Ultrasonic velocity aq tetracycline 303 Ultrasonic velocity octane hexane mixt 322 Ultrasonic velocity octane hexane mixt 322
Ultrasound velocity butoxyethanol mixt 810
Underpotential heavy metal monolayer electrode 397
Unit nomenclature symbol IUPAC Issue 8 ii
Unsatd alc sulfenyl etherification 1833
Unsatd carbonyl reaction stannylcopper reagent 78
Unsatd ester bromo cyclization 1859
Unsatd fluorescent sterol NMR 1784
Unsatd hexandication bioxica 1867 Unsatd ketone photoenolization kinetics 1867 Unsatd radical isomerization 391 Ursante filuro arom charge transfer 445
Uranium fluoromethanesulfonato 409
Uranium trace detn seawater voltammetry 1139
Urethane acylation intramol mixed anhydride 1228
Urethane formation mixed anhydride peptide 613 Ursanoic acid lactone crystal structure 851 Ursanolide acetoxy crystal structure 851
UV aminofluorene 2013
UV bilirubin isomer 1908
UV electron donor acceptor complex 468
UV spectra dimer cobalt phthalocyanine 855
UV thioformamide vapor 2100
UV visible spectra IUPAC Issue 8 ii Vanadate complex hydroxy carboxylic acid 2434 Velocity ultrasonic aq tetracycline 303 Velocity ultrasonic octane hexane mixt 322 Vibrational spectra methyltriazole 2509 Vinyl cation formation rearrangement 933 Vinylbicycloheptenol rearrangement epimerization 1828 Vinylpyridine methacrylate copolymer configuration NMR 1873 Vinylstannane transmetalation phenylselenium chloride 2612 Vinyistannane transmetaiation phenyiseienium Viscosity density ag butanol 2441
Viscosity density pyrrolidinone THF 456
Visible UV spectra IUPAC Issue 8 ii
Vol excess aq butanol isomer 2441
Vol molar polymer surfactant soln 990
Vol molar potassium sodium chloride soln 833 Voltammetric square wave electrode sphericity 1025 Voltammetry cyclic nitrone aryl 2039 Voltammetry differential pulse carbon electrode 1133 Voltammetry differential pulse carbon electrode 1133
Voltammetry molybdenum detn seawater 957
Voltammetry pulse cyclic flow injection 1795
Voltammetry pulsed cyclic 1051
Voltammetry trace uranium detn seawater 1139
Von Braun aspidocarpine NMR 200
Water analysis polychlorinated dibenzodioxin 1086
Water binding energy germanium cation 2146
Water butoxyethanol mixt 810
Water chromate detn HPLC phosphorescence 965
Water lake manganese speciation detn 915
Water NMR spin coupling deuterium effect 2238
Water soln nonelectrolyte heat capacity density 2810

Westphalen rearrangement lanostane 595 X ray photoelecton spectroscopy mural 1058 X 14881C benzanthraquinone total synthesis 124 Xylofuranosylguanine 1436 Yeast asym redn methyl oxooctanoate 2732 Yomogin 630 Zinc azaoctanediamine complex 2804 Zinc detn glassy carbon electrode 1133 Zinc thiorurea complex NMR relaxation 1653 Zinc uranium trifluoromethanesulfonato 409 Zirconocyclohexasulfane 1676